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Climatic Charts and Data  
of the Radio Refractive Index  
for the United States and the World



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U.S. DEPARTMENT OF COMMERCE  
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UNITED STATES DEPARTMENT OF COMMERCE • Frederick H. Mueller, *Secretary*  
NATIONAL BUREAU OF STANDARDS • A. V. Astin, *Director*

Climatic Charts and Data  
of the Radio Refractive Index  
for the United States and the World

B. R. Bean, J. D. Horn, and A. M. Ozanich, Jr.



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## Contents

	Page
1. Introduction .....	1
2. Presentation of basic data .....	1
3. Climatological data of $N_o$ for the United States .....	3
4. Accuracy of results .....	3
5. Worldwide $N_o$ values .....	4
6. Climatic classification by $N_s$ .....	5
7. Applications .....	6
8. Appraisal of results .....	7
9. References .....	9
10. Appendix I .....	10
11. Appendix II .....	73
12. Appendix III .....	79
Figures (1 to 117) .....	124-178

# Climatic Charts and Data of the Radio Refractive Index for the United States and the World

B. R. Bean, J. D. Horn, and A. M. Ozanich, Jr.

The radio refractive index of air,  $n=1+N\times 10^{-6}$ , is a function of atmospheric pressure, temperature, and humidity and varies in a systematic fashion with climate.

Included in this Monograph is a compilation of refractive index data. Data listings made up of observations from 45 U.S. surface weather stations for 2-hour intervals over an 8-year period are given. Mean values, maxima, minima, and standard deviations of the refractive index have been calculated and tabulated for these observations. Additionally, mean vertical profiles of the refractive index have been prepared for 43 U.S. upper air sounding stations from long-term means of pressure, temperature, and humidity.

Earlier studies of refractive index climate are assimilated and put into perspective. One such study is an extensive analysis and mapping of the refractive index climate of the United States. A worldwide radio refractive index climatology is developed based upon monthly mean observations of pressure, temperature, and humidity.

An important finding of these climatological investigations is the strong correlation of  $N$  with height. A reduced-to-sea-level value of the index, termed  $N_0$ , is used to eliminate this systematic height dependence. The surface value of  $N$ ,  $N_s$ , may be estimated four to five times more accurately from charts of  $N_0$  than from similar-sized charts of  $N_s$  itself.

From climatic charts of  $N_0$ ,  $N_s$  may be estimated at any given location in the United States throughout the day during every season. In addition detailed annual and diurnal cycles, as well as 8-year cumulative probability distributions, are given for 12 representative U.S. stations.

On a worldwide basis, charts of mean  $N_0$  are presented for both summer and winter season.

## 1. Introduction

This Monograph has as its purpose the compilation and analysis of the extensive radio refractive index data available within the Central Radio Propagation Laboratory of the National Bureau of Standards. This will be accomplished by presenting both tabulations of basic data for specific locations and charts for interpolation to any location.

The radio refractive index of air,  $n$ , is a function of atmospheric pressure, temperature, and humid-

ity, thus combining in one parameter three of the normal meteorological elements used to specify climate. In the following sections we will examine the variability of  $n$  during different seasons of the year and climatic regions. The systematic dependence of  $n$  upon station elevation will make it necessary to consider a method of expressing  $n$  in terms of an equivalent sea-level value in order to see more clearly actual climatic differences of various parts of the country.

## 2. Presentation of Basic Data

Near the surface of the earth and for VHF-UHF frequencies,  $n$  is a number of the order of 1.0003. Since, for air,  $n$  never exceeds unity by more than a few parts in  $10^{-4}$ , it is convenient to consider the climatic variation of  $n$  in terms of

$$N=(n-1) 10^6=\frac{77.6}{T}\left(P+\frac{4810e_sRH}{T}\right) \quad (1)$$

where  $P$  is the total atmospheric station pressure ( $mb$ ),  $RH$  the relative humidity ( $\%$ ) and  $e_s$  the saturation vapor pressure ( $mb$ ) at the temperature  $T$  ( $^{\circ}K$ ). The value of the constants in (1) were determined [1]<sup>1</sup> from a consideration of recent

microwave and optical determinations of the refractive index of air and are considered to be accurate to 0.5 percent in  $N$  for frequencies up to 30,000 Mc/s in the ranges of temperature, pressure, and humidity normally encountered. The notation  $N_s$  is used to indicate that (1) has been evaluated from standard surface weather observations.

By cooperation with the National Weather Records Center of the U.S. Weather Bureau 8 years of surface weather observations at 60 different locations were converted into  $N_s$  by use of eq (1). With minor exception, all stations have more than 150 individual observations for the even hours of the day for each month.

When charts were prepared from these 8-year means, a pronounced altitude dependence could

<sup>1</sup> Figures in brackets indicate the literature reference on page 9.



be seen as in figure 1. It is noted that the coastal areas display high values of  $N_s$  while the inland areas have lower values. There are low values of  $N_s$  corresponding to the Appalachian and Adirondack mountains, then a decrease of  $N_s$  with increasing elevation of the Great Plains until the lowest values are reached in the Rocky Mountain region and the high plateau area of Nevada. A corresponding gradient is observed from the West Coast eastward. Crosshatching encloses areas where the terrain changes so rapidly that it was felt that the data were inadequate to obtain realistic contours of  $N_s$ . Note the great similarity between the contours of  $N_s$  on figure 1 and the elevation of ground above sea level, figure 2. The strong elevation dependence of  $N_s$  is due to the dominating effect of the changes of density with altitude. In fact, the information gained immediately from figure 1 is essentially the general relief of the continent.

The altitude dependence of  $N$  can be studied in terms of the "dry" and "wet" components of  $N$ . The dry term,  $D$ ,

$$D = \frac{77.6P}{T} \quad (2)$$

is proportional to air density and normally constitutes at least 60 percent of  $N$ .

One would expect, from the hydrostatic equation [2], that  $D$  would be an exponential function of height. Examination of  $D$  at the earth's surface versus station elevation shows this to be, in fact, true. By assuming an exponential decay between the value of  $N$  at sea level and 8 kilometers the height coefficient of  $-0.1057$  per kilometer was determined from the NACA dry standard atmosphere [3] and was adopted for general use. Thus the station value,  $D_s$ , may be reduced to a sea-level value,  $D_o$ , by the relationship

$$D_o = D_s \exp (0.1057 h) \quad (3)$$

where  $h$  is in kilometers. Values of  $D_o$  obtained in this fashion and shown on figure 3 present a gradient that is remarkably free of detail compared to the  $N_s$  chart, and contours are easily drawn for all areas of the country.

A similar investigation was made of the height dependence of the surface "wet" term,  $W_s$ , evaluated from

$$W_s = \frac{3.73 \times 10^5 e_s RH}{T^2} \quad (4)$$

All of the cases examined displayed low correlations of  $\log W_s$  and height, indicating that  $W_s$  is not a marked exponential function of height. Thus  $W_s$  is plotted on figure 4.

At this point in the reduction process there are two maps, one of  $D_o$  and one of  $W_s$ . A further

simplification is accomplished by introducing the approximation of reducing  $N_s$  by the dry term height correction to obtain a single reduced value,  $N_o$ ;

$$N_o = (D_s + W_s) \exp (0.1057 h). \quad (5)$$

Figure 5 gives the  $N_o$  contours for the same time as the previous maps of  $D_o$  and  $W_s$ . The  $N_o$  maps are no more difficult to prepare than the  $W_s$  maps and have effectively removed the station height dependence of  $N_s$ . One might wonder at the advisability of arbitrarily reducing the wet term by the dry term correction. For the coastal areas of the country, where the exponential height correction is nearly one, this amounts simply to adding the  $D_o$  and  $W_s$  maps while for the mountain areas, where the height correction factor is large, the  $W_s$  values are small with the result that the gradient of the  $N$  isopleths obtained from the  $D_o$  and  $W_s$  maps is essentially maintained on the  $N_o$  maps. As an example, for the series of maps under discussion, the  $(D_o + W_s)$  difference between Reno, Nev. (elevation 1340 meters) and Oakland, Calif. (elevation 5.5 meters) is 21  $N$  units, while the  $N_o$  difference is 19  $N$  units.

It would appear that by removing the influence of station elevation it would be more efficient to estimate  $N_s$  from  $N_o$  charts than from  $N_s$  charts. As a test of this hypothesis,  $N_s$  and  $N_o$  contour charts were prepared for both summer and winter from only 42 of the 62 U.S. Weather Bureau stations for which 8-year means of  $N_s$  are available. The remaining 20 stations, distributed at random about the country, were used as a test sample by estimating their 8-year mean value of  $N_s$  from  $N_o$  and  $N_s$  contours. Summertime examples of these charts are given by figures 6 and 7, wintertime examples by figures 8 and 9. Note that due to the reduced range of  $N$ , the  $N_o$  charts are drawn every 5  $N$  units as compared to the 10  $N$  unit contour interval of the  $N_s$  charts. The individual deviations of the values obtained from the contour maps with the actual 8-year means are listed in table 1. By comparing the root mean square (rms) deviations of 10.7  $N$  units in winter and 13.0  $N$  units in summer obtained by estimating  $N_s$  from the  $N_s$  contours with the 2.7 unit rms of estimating  $N_s$  from  $N_o$  contours one concludes that it is at least 4 times more accurate to estimate  $N_s$  from the  $N_o$  contours than from those of  $N_s$ . An inspection of the individual deviations in table 1 indicate that the  $N_o$  contour method is particularly efficient at elevations in excess of 1200 meters or where the terrain is changing rapidly with respect to horizontal distance. As a further practical consequence one notes the remarkable similarity between the  $N_o$  contours of figures 5 and 8, even though the latter contours were derived from only two-thirds of the original data. This indicates that any desired level of accuracy of estimating  $N_s$  may be maintained with fewer stations (and less expense) by the use of  $N_o$  charts than by the use of  $N_s$  charts.

TABLE 1.

Test station	Height (meters)	February 1400			August 0200		
		$A^*$	$d^{**}$ $N_s$ map	$d$ $N_o$ map	$A$	$d$ $N_s$ map	$d$ $N_o$ map
Sacramento, Calif.....	7	315.6	7.6	0.8	329.6	1.0	-1.8
Portland, Ore.....	8	316.2	4.2	-0.5	337.7	19.7	6.0
San Diego, Calif.....	11	314.2	-5.8	-2.4	348.1	16.1	3.5
Mobile, Ala.....	66	326.6	6.6	4.8	376.0	6.0	0.6
Fresno, Calif.....	86	310.6	9.6	3.4	326.2	5.2	4.2
Boston, Mass.....	89	308.6	-6.4	-0.5	347.5	-7.5	-0.4
Grand Rapids, Mich.....	210	304.4	0.4	-5.9	340.5	-1.5	0.1
Columbia, Mo.....	239	300.8	-0.2	2.4	348.7	-2.3	-2.5
Minneapolis, Minn.....	255	301.1	0.1	0.6	338.5	-0.5	2.7
Cincinnati, Ohio.....	271	302.5	-0.5	0.7	344.1	-2.9	-2.8
Des Moines, Iowa.....	294	300.9	3.9	2.3	343.1	-1.9	-0.1
Pendleton, Ore.....	455	295.9	1.9	0.4	300.9	2.9	-3.1
Billings, Mont.....	1,088	269.3	-2.3	0.1	285.6	5.6	1.2
Burns, Ore.....	1,262	268.1	-23.9	-3.2	271.3	-15.7	-4.4
Salt Lake City, Utah.....	1,288	266.3	1.3	-0.8	279.5	8.5	4.4
Reno, Nev.....	1,340	259.6	-20.4	-6.8	277.6	-29.4	1.6
Pocatello, Idaho.....	1,355	264.7	-2.3	0.4	269.7	-3.3	0.0
Denver, Colo.....	1,625	244.9	-8.1	0.7	276.6	-1.4	0.3
Colorado Springs, Colo.....	1,882	237.1	-15.9	-0.6	272.4	-6.6	1.1
Flagstaff, Ariz.....	2,131	237.8	-26.2	2.3	261.4	-36.6	-2.2
Root mean square deviation.....			10.7	2.7		13.0	2.7

\* $A$ =8-year mean value of  $N_s$ .

\*\* $d$ =(Actual long term mean)-(Value obtained from map contours).

### 3. Climatological Data of $N_o$ for the United States

Charts of 8-year mean  $N_o$  values were prepared for the months of February, May, August, and November for the even hours of the day and are given on figures 10 to 57, inclusive. The basic data for these charts are tabulated in appendix I.

Although one may derive the annual and diurnal variation of  $N_o$  from these charts for any location in the United States, a dozen specific locations were chosen to illustrate the range of seasonal and diurnal variations of  $N_s$  throughout the country and are plotted graphically on figures 58 to 69. It is quite evident from these figures that the largest annual ranges of means are found on the east coast, where, for example, Washington, D.C., varies nearly 60  $N$  units summer to winter. By comparison, the maritime dominated climate of

Tatoosh Island is indicated by annual range of less than 20  $N$  units. This same maritime effect is noted in the small diurnal variations of 1 to 2 units in both summer and winter at Tatoosh Island as compared to the 10 to 15  $N$  unit diurnal variations at Washington, D.C. Further, the general conclusion is drawn that seasonal cycles are somewhat smaller at 1400 local time than for 0200 local time. Also the diurnal variation of  $N_s$  is much more pronounced during the summer than during the winter.

It is frequently desired in engineering applications, such as the prediction of the total bending of radio rays from  $N_s$  [4], to know the complete distribution of  $N_s$ . Such distributions are given on figures 70 to 81.

### 4. Accuracy of Results

The maps presented above were based upon data from 60 weather stations. The number of stations appears to be consistent with the scale of map used. The map scale is so small, however, that only average climatic differences over a region can be expected to be discerned. For example, the average value of  $N_s$  could be determined for any 10 to 50 square mile area of eastern Colorado although one would not expect to be able to deter-

mine the detailed variations such as might be found in an area of a few square miles where such diverse land features as rivers, marsh land, peneplain, bluffs, and mountains are found.

The accuracy of the present charts may be assessed from the charts of standard deviation of  $N_s$  as given on figures 82 to 85. The average value of the standard deviation for the entire country is perhaps 10  $N$  units in the winter and 15  $N$



units in the summer. The High Plains and the West Coast consistently show smaller values of standard deviation than the Southeastern States. These values of the standard deviations allow one to estimate the error in the 8-year mean value of  $N_s$  used in deriving the contours of  $N_o$  from the expression [5]

$$\sigma(\bar{N}_s) = \frac{\sigma(N_s)}{\sqrt{n}}$$

where  $\sigma(\bar{N}_s)$  indicates the error of the mean and  $\sigma(N_s)$  the standard deviation of the  $n$  individual values used to determine  $\bar{N}_s$ . Since the largest value of  $\sigma(\bar{N}_s)$  on these maps is 26  $N$  units and the average number of observations is about 200, we estimate that  $\sigma(\bar{N}_s) \leq 1.9 N$  units, which is well

within the 2.7  $N$  unit error previously determined as the final error of contouring and reading the  $N_o$  charts. Thus, if we assumed perfect skill in drawing and reading the contours, one would expect an irreducible error of 1 to 2  $N$  units in estimating the mean.

It is quite interesting to note the degree to which  $\sigma(N_s)$  reflects the climatic stability of the various regions of the country. The very stable climate of the maritime-dominated West Coast is reflected by small values of  $\sigma(N_s)$ . For comparison, the strong air mass changes characteristic of the wintertime synoptic patterns that sweep across the Southeastern States is reflected in the large standard deviations in that region. It appears to be quite significant that the relative lack of synoptic activity in this region during the summer months is shown by a smaller value of  $\sigma(N_s)$ .

## 5. Worldwide $N_o$ Values

To obtain long-term average values of  $n$  one should properly average individual observations over many years. This is difficult to do since, in general, only summaries of weather observations are readily available. However, long-term average values of temperature, pressure, and humidity are available and may be converted into an "average" value of  $N$ . This "average"  $N$  differs from the true average since the intercorrelation of pressure, temperature, and humidity is neglected. This difference was examined by an analysis of 2 years of weather records of the months of February and August at an arctic location (Fairbanks, Alaska), a temperate zone location (Washington, D.C.) and a tropical location (Swan Island, W.I.). These data, given in table 2, indicate that the difference between the two methods was never more than 1.5  $N$  units and the average difference was less than 1  $N$  unit which is small compared to commonly observed seasonal and geographic variation of 20 to 100  $N$  units.

On this basis it was decided to use the long term means given in the United Nations' monthly publication, *Climatic Data for the World*. This publication is particularly advantageous for our present study since it reports the fictitious value of the relative humidity needed to obtain the actual average vapor pressure from the saturated vapor pressure of the reported mean temperature [6].

Data from 306 weather stations were obtained in order to give reasonable geographical coverage. In general, 5 years of record were obtained for each station from the period 1949 to 1958, preference being given to the years 1954 to 1958. A noticeable exception, however, was Russia for which only 1 year of data (IGY) is reported in *Climatic Data for the World* and thus all charts are drawn

with dashed contours for Russia. A reasonable coverage of the ocean areas of the world was made by estimating temperature from sea surface isotherms [7] and humidity from charts of seasonal average depression of the wet bulb temperature [8]. Pressure was estimated for these locations from average winter and summer pressure charts.

TABLE 2. Two year average value of  $N_s$  versus the value of  $N_s$  calculated from average temperature, pressure, and humidity

		$\bar{N}_s$	$\bar{N}_s(\bar{P}, \bar{T}, \bar{RH})$	$\bar{N}_s - \bar{N}_s(\bar{P}, \bar{T}, \bar{RH})$
Fairbanks.....	February.....	314.0	313.0	1.0
	August.....	320.5	320.0	0.5
Washington.....	February.....	305.5	304.5	1.0
	August.....	356.0	354.5	1.5
Swan Island.....	February.....	362.0	362.5	0.5
	August.....	387.5	388.0	0.5
Average.....				0.83

These data were converted to  $N$  [9], are tabulated in appendix 2, and charts prepared, the altitude dependence being removed by the use of eq (5). The effects of this correction on the worldwide values can be seen from figure 86 where  $N_o$  is plotted versus station elevation in feet. A sample line illustrates the decay of  $N_s$  with height for  $N_o=348$ . The value of  $N_s$  for any other value of  $N_o$  would be obtained from a line parallel to the  $N_o=348$  line but having a zero intercept equal to the new value of  $N_o$ . The advantage of adopting  $N_o$  is illustrated by the reduction in range from 190  $N$  units for  $N_s$  to 115  $N$  units for  $N_o$  thus diminishing the number of contours of the resulting maps.



Mean values of  $N_o$  were calculated at each of the 306 selected stations and charts prepared for February and August, figures 87 and 88. It is seen that the values of  $N_o$  for sea-level stations vary from 390 in the maritime tropical areas to 290 in the deserts and high plateaus. The interior of continents and mountain chains in middle latitudes are reflected by low values as compared to those of coastal areas. Further, such pronounced climatic details as the Indian monsoon and the effects of coastal mountain ranges blocking prevailing winds and producing rain shadows are indicated by these  $N_o$  contours.

The annual variation of  $N_s$  is indicated on figure 89 by contours of the difference between the maximum and minimum monthly means observed throughout the year. It is quite remarkable how clearly climatic differences are evidenced by the yearly range of  $N_s$ . The prevailing transport of moist maritime air inland over the west coasts of North America and Europe is indicated by relatively small annual ranges (20 to 30  $N$  units), while, for example, the east coast of the United States with a range of 40 to 50  $N$  units or more reflects the invasion of that area from time to time by such diverse air masses as arctic continental and tropical maritime. The largest annual ranges of  $N_s$  (90  $N$  units) are observed in the Sudan of Africa and in connection with the Indian monsoon.

An additional  $N_o$  map, figure 90, was prepared from the minimum monthly mean value of  $N_s$  observed throughout the year to supplement the

range map in order that an estimation might be made of both the minimum and maximum monthly mean  $N_s$  expected during the year.

A measure of the variability of the February and August mean values of  $N_s$  is given by monthly range maps (figs. 91 and 92) determined from monthly averages from 5 years of data. Ranges are given by the maximum difference of the five individual monthly mean values. In contouring the two variability maps only those terrestrial regions having reasonable data coverage are included. Dashed contours are shown for areas of sparse or unreliable data. The general picture of the worldwide distribution of  $N_s$  variability is that of a number of continentally-located cells of moderate range accompanied by somewhat random small-scale variations over ocean areas. Regions of large range, from 40 to as much as 70  $N$  units, are present, however, in Australia and on islands of the adjoining oceans, on the African equatorial highlands near the Cameroons and in the Great Basin of the southwestern United States. Common to all these areas of large year-to-year variability, at least during the summer season, are high mean temperatures ranging from about 25° C to 30° C, the variability being due to relatively small variations of humidity. It is felt that when a more dense network of stations is available for a longer period of record, say 10 years, areas of high monthly variability are likely to be more extensive in tropical and desert areas than indicated on our present maps.

## 6. Climatic Classification by $N_s$

The annual cycle of  $N_s$  at each station was examined for the purpose of deriving similarities of climatic pattern. As one form of climatic classification, the annual mean value of  $N_s$  at each station was plotted versus the annual range at the station. When this was done, several distinct

groupings of data seemed evident. These groupings, described in table 3, are intended to give a general idea of the geographic and climatic character of the majority of the stations found within given values of range and yearly mean of  $N_s$ .

TABLE 3. *Characteristics of climatic types*

Type	Annual mean $N_s$ in $N$ units	Annual range of $N_s$ in $N$ units	Characteristics
I. Mid-Latitude Coastal	300-350	30-60	Stations near the sea or in lowlands on lakes and rivers. Located in latitude belts between 20° and 50°. Generally subtropical stations with marine or modified marine climate.
II. Subtropical-Savanna	350-400	30-60	Composed of lowland stations between 30° N and 25° S latitude. Rarely located far from the ocean. Tropical stations in this category exhibit definite rainy and dry seasons typical of Savanna climate.
III. Monsoon-Sudan	280-400	60-100	Monsoon climates generally found between 20° N and 40° N latitude. Climate produced by seasonal extremes of rainfall and temperature. Sudan climates located across central Africa from 10° N to 20° N latitude. Characterized by seasonal extremes of rainfall in a hot climate.
IV. Semiarid-Mountain	240-300	0-60	Found in desert and high steppe regions as well as mountain observatories at elevations greater than 1000 meters m.s.l. This group characterized by year round dry climate.
V. Continental-Polar	300-340	0-30	Widespread occurrence in middle latitudes and polar regions. Characterized by moderate or low temperatures. Mediterranean climates are included in this group due to low range resulting from characteristic dry summers.
VI. Isothermal-Equatorial	340-400	0-30	Tropical stations at low elevation between 20° N and 20° S latitude. Found almost exclusively along seacoasts or on islands. Characterized by monotonous, rainy climates.

For a given classification of refractive index climate diverse meteorological climates and geographical regions may be represented. Note, for example, that type V of table 3 includes stations from Mediterranean and marine as well as polar climates. Mediterranean stations in this category fail to attain a high range because of the characteristic dryness of the subtropical high pressure pattern that is generally found in this area during the summer months. Polar and marine climates in this group maintain low range due to suppressed humidity effects as a result of low to moderate year-around average temperatures.

Annual trends of  $N_s$  for stations typical of each climatic division are shown by figure 93.

Yet another facet of the climate is the year-to-year variation of the monthly mean value of  $N_s$ . Five consecutive years of monthly means were prepared for each of the six typical stations whose annual cycles are shown in figure 93. Then, for each month, the absolute value of the difference

between consecutive years was obtained. These values were then averaged for all months and are listed in the 2d column of table 4.

Another measure of the variation of monthly mean values of  $N_s$  is obtained by differencing the maximum and minimum values occurring for a given month during the 5-year period. These differences are also given in table 4 for the months of February, May, August, and November.

TABLE 4. Year-to-year differences of monthly mean  $N_s$ .

Climatic type	Difference between monthly means in successive years for the same month averaged for all seasons over a 5-year period	Maximum differences between monthly means over a 5-year period			
		Feb.	May	Aug.	Nov.
I.....	5.7	6.0	16.5	17.0	7.0
II.....	5.4	8.5	6.5	8.0	11.0
III.....	8.9	16.5	14.5	20.0	6.5
IV.....	5.4	10.5	11.5	13.5	6.5
V.....	4.7	5.5	11.5	10.0	5.0
VI.....	7.1	9.5	25.5	8.5	8.5

## 7. Applications

The communications engineer usually has available a small amount of measured field strength data from limited tests of a particular system. He must then estimate the expected signal level of practical range of that system, or other systems, for other times of the year, other years and in other areas. The variation of signal level from month to month and climate to climate can be explained, in part, by its observed correlation with  $N_s$ .

Pickard and Stetson [10, 11] were among the first to note the correlation of  $N_s$  and received field strengths. The correlation of  $N_s$  and field strength over a particular path has been studied quantitatively [12, 13] and found to be highest (correlation coefficients of 0.8 to 0.95) when the variables are averaged over periods of a week to a month. This latter study has shown that the regression coefficient (db change in field strength per unit change in  $N_s$ ) varies diurnally from 0.14 db in the afternoon hours to 0.24 db per unit change of  $N_s$  in the early morning hours. This correlation is so sufficiently consistent that Gray [14] and Norton [15] have utilized it in their recent prediction methods of transmission loss in a band from 100 to 50,000 Mc/s. In addition, the coefficient 0.2 db per unit change in  $N_s$  has been tentatively adopted by CCIR study group V in their revision of the 30 to 300 Mc/s tropospheric-wave propagation curves to account for the geographic and seasonal variations of field strengths. The estimates of field strength variations attributed to  $N_s$  given below are based upon the CCIR coefficient.

If one assumes, for comparison only, that the worldwide average value of  $N_s$  is 330 and that one is able to estimate the field strength level of a particular communications system at a given distance and for  $N_s=330$ , then the above correlations would indicate that the climatic variations of fields given in table 5 might be expected.

TABLE 5. Climatic variation of hypothetical communications system relative to predicted value for  $N_s=330$  and assuming 0.2 db variation per unit change in  $N_s$ .

Climatic type*	Expected yearly mean field strength level relative to $N_s=330$	Expected annual range on the above assumption
I.....	-6 to +4 db	6 to 12 db
II.....	+4 to +14 db	6 to 12 db
III.....	-10 to +14 db	12 to 20 db
IV.....	-18 to -6 db	0 to 12 db
V.....	-6 to +2 db	0 to 6 db
VI.....	+2 to +14 db	0 to 6 db

\*Climatic types are the same as those in table 3.

The data of table 5 indicate, for example, that identically equipped tropospheric communications systems could display as much as 32 db difference in mean signal strength level due to the climatic difference of say, Denver, Colo., and the tropics. Further, one might expect the monthly mean field strength of this hypothetical system to vary throughout the year from less than 12 db in the high plains near Denver to as much as 20 db in the African Sudan.



Under this same assumption figures 89 and 90 allow the communications engineer to estimate the expected maximum and minimum monthly mean field strength expected throughout the year.

The year-to-year variations of the monthly mean  $N_s$  listed in table 4 indicate that the monthly mean of field strength for a particular month may differ in successive years by as little as 1.0 db for climatic category V in November or as much as 5.1 db for category VI in May.

Another application of these worldwide charts is to aid in estimating the refraction of radio waves. The most convenient method of accounting for the effects of atmospheric refraction is by means of the effective earth's radius concept of Schelling, Burrows, and Ferrel [16]. The effective earth's radius,  $a_e$ , is determined from

$$a_e = \left( \frac{1}{1 + a \frac{dn}{dh}} \right) a \quad (6)$$

where  $a$  is the true radius of the earth,  $n$  is the refractive index, and  $dn/dh$  is the initial  $n$  gradient with respect to height. A great simplification of propagation calculations is accomplished by assuming that  $dn/dh$  is a constant, thus allowing radio rays to be drawn as straight rays over a fictitious earth of radius  $a_e$  rather than curved rays over the true earth of radius  $a$ . This simplification allows, for example, the distance to the radio horizon,  $d$ , of a radio ray leaving an antenna of height,  $h$ , to be calculated from

$$d = \sqrt{2a_e h} \quad (7)$$

## 8. Appraisal of Results

The world maps referred to above were based upon data from 306 weather stations. This number of stations appears to be consistent with the scale of map used. The map scale is so small, however, that only large climatic differences can be expected to be discerned. For the climate of any given area one should refer to detailed studies of  $N$  such as that given earlier in this Monograph for the United States.

The accuracy of the present charts may be assessed from the charts of maximum range,  $R$ , of monthly means as given by figures 12 and 13. The standard deviation of the individual monthly means may be estimated from [5]

$$0.43 R$$

where the coefficient 0.43 is appropriate for five individual observations. Since, in general,  $R \leq 20 N$  units, then

$$(0.43) R \leq 9 N \text{ units}$$

One notes, however, that the determination of  $a_e$  involves  $dn/dh$  as well as  $n$  and that our  $N_s$  charts allow only an estimation of  $n$ . This disparity may be resolved by utilizing the observation that  $N_s$  is highly correlated with the value of  $N$  at 1 km above the surface. The difference between  $N_s$  and  $N$  at 1 km is denoted  $\Delta N$ . Tabulations and charts of  $\Delta N$  for the United States are given in appendix III. It has been noted [17] that the correlation coefficient between  $\ln |\Delta N|$  and  $N_s$  is 0.926 for 888 sets of data from 45 U.S. weather stations representing many diverse climates. The regression equation

$$-\overline{\Delta N} = 7.32 \exp \{0.005577 \overline{N_s}\} \quad (8)$$

results when both variables are averaged over 6 to 8 years of record. Approximating  $dn/dh$  in (6) by  $\Delta N$  we may determine that the radio horizon distance of an antenna located 150 meters above the earth would vary from 48 km when  $N_s = 200$  to 59 km when  $N_s = 400$ . Yet another application of the  $N_s$  charts is to the exponential models of the decrease of refractive index with height which have been recently proposed [17, 18]. These models are completely specified by  $N_s$  and may be used to account for seasonal and geographic variations of such refraction effects as radar range and elevation angle errors. Data tabulations of mean values of  $N$  versus height are also given in appendix III both for their own value and to aid in the development of further models.

although this standard deviation may be as large as 26  $N$  units for the month of February in Australia; 17  $N$  units in the southwest of the United States during August, or in the African Sudan during February.

Further, the standard error of estimating a 5-year mean from five individual monthly values is determined from

$$\frac{0.43 R}{\sqrt{n}}$$

where  $n$  for our case is 5 and thus the error of the 5-year mean would be 0.192  $R$ . Remembering that  $R \leq 20 N$  units and assuming perfect skill in drawing the contours, one would expect the standard error of estimate to be less than 4  $N$  units. This standard error can be as large as 12  $N$  units in Australia where  $R = 60 N$  units.



The value of  $N_s$  at each of the 20 test stations of section 2 was estimated from the  $N_o$  contours with an rms error of 5  $N$  units which is consistent with the standard error of estimate obtained from the range charts. In the large areas of sparse data, such as the oceans and Russia, this uncertainty rises to about 10  $N$  units and thus the contours in these regions are dashed.

At the time the present study was initiated it was felt that  $N_s$  should be reduced to sea level by at least the dry term correction factor as in eq (5). The absence of published work on models of  $N$  structure in the free atmosphere encouraged the decision to rest on prudence and adopt this dry term correction factor. Since that time several effective exponential models of the free atmosphere have been demonstrated [17, 18] and it now appears that it might be better in future work to use the slightly larger exponential coefficient which corresponds to the decay of  $N$  in the free atmosphere. If the free atmosphere decay were adopted, then the range of  $N_o$  values on the world maps would be reduced from 115 to 110  $N$  units, i.e., less than 5 percent. Since this reduction in range is an order of magnitude less than the original reduction accomplished by the use of  $N_o$ , it appears that the basic advantage of the adoption of the concept of a reduced value has been realized with the initial correction. To produce a significantly large reduction in the range of the present map contours it would appear that the seasonal and diurnal variation of the exponential coefficient would have to be considered; a process which appears at present to be unduly complex.

The authors express their gratitude to all members of the radio-meteorology section of the Central Radio Propagation Laboratory for their aid in the many aspects of this work. Particular credit should be given to the National Weather Records Center where, under the direction of Leslie Smith, the detailed calculations involving the conversion of raw meteorological data to refractive index were carried out. Indeed, with-

out the wholehearted cooperation of the staff of the National Weather Records Center the present report would not have been possible.

TABLE 6. *U.S. weather stations*

Sta. code No.	Station	State	Lat.	Long.	Hgt. in M
03103	Flagstaff	Ariz	35°08' N	111°40' W	2131.47
12839	Miami	Fla	25°49' N	80°17' W	7.315
12842	Tampa	Fla	27°58' N	82°32' W	10.973
12919	Brownsville	Tex	25°55' N	97°28' W	6.096
12921	San Antonio	Tex	29°32' N	98°28' W	242.01
13723	Greensboro	N.C	36°05' N	79°57' W	274.93
13743	Washington	D.C	38°50' N	77°02' W	21.946
13745	Hatteras	N.C	35°15' N	75°40' W	3.048
13874	Atlanta	Ga	33°39' N	84°25' W	302.67
13880	Charleston	S.C	32°54' N	80°02' W	14.021
13894	Mobile	Ala	30°41' N	88°14' W	66.14
13897	Nashville	Tenn	36°07' N	86°41' W	183.18
13941	Lake Charles	La	30°13' N	93°09' W	5.791
13963	Little Rock	Ark	34°44' N	92°14' W	80.77
13967	Oklahoma City	Okla	35°24' N	97°36' W	397.46
13983	Columbia	Mo	38°58' N	92°22' W	239.27
13985	Dodge City	Kans	37°46' N	99°58' W	790.04
14607	Caribou	Maine	46°53' N	67°58' W	191.41
14733	Buffalo	N.Y	42°56' N	78°43' W	214.88
14735	Albany	N.Y	42°45' N	73°48' W	26.822
14739	Boston	Mass	42°22' N	71°02' W	89.31
14762	Pittsburgh	Pa	40°21' N	79°56' W	388.01
14764	Portland	Maine	43°39' N	70°19' W	6.096
14830	Grand Rapids	Mich	42°54' N	85°40' W	210.01
14834	Joliet	Ill	41°30' N	88°10' W	179.22
14847	Sault Ste. Marie	Mich	46°28' N	84°22' W	220.68
14849	Toledo	Ohio	41°34' N	83°28' W	191.41
14918	International Falls	Minn	48°36' N	93°24' W	343.20
14922	Minneapolis	Minn	44°53' N	93°15' W	255.42
14933	Des Moines	Iowa	41°32' N	93°39' W	293.52
23041	Big Spring	Tex	32°14' N	101°30' W	773.28
23044	El Paso	Tex	31°47' N	106°30' W	1193.60
23050	Albuquerque	N. Mex	35°03' N	106°37' W	1619.71
23062	Denver	Colo	39°46' N	104°53' W	1625.19
23066	Grand Junction	Colo	39°06' N	108°32' W	1474.93
23154	Ely	Nev	39°17' N	114°51' W	1908.66
23167	Fresno	Calif	36°43' N	119°49' W	85.95
23169	Las Vegas	Nev	36°04' N	115°10' W	664.46
23183	Phoenix	Ariz	33°26' N	112°02' W	338.94
23185	Reno	Nev	39°30' N	119°47' W	1340.21
23188	San Diego	Calif	32°44' N	117°10' W	112.78
23230	Oakland	Calif	37°44' N	122°12' W	5.486
23232	Sacramento	Calif	38°31' N	121°30' W	7.910
23236	Santa Maria	Calif	34°54' N	120°28' W	78.94
24011	Bismarck	N. Dak	46°46' N	100°45' W	505.97
24021	Lander	Wyo	42°48' N	108°43' W	1694.08
24023	North Platte	Nebr	41°08' N	100°42' W	849.48
24033	Billings	Mont	45°48' N	108°32' W	1087.53
24034	Glasgow	Mont	48°11' N	106°38' W	642.82
24090	Rapid City	S. Dak	44°09' N	103°06' W	980.85
24127	Salt Lake City	Utah	40°46' N	111°58' W	1287.78
24131	Boise	Idaho	43°34' N	116°13' W	871.12
24134	Burns	Oreg	43°35' N	119°03' W	1261.87
24143	Great Falls	Mont	47°30' N	111°21' W	1123.80
24155	Pendleton	Oreg	45°41' N	118°51' W	454.76
24156	Pocatello	Idaho	42°55' N	112°32' W	1354.53
24157	Spokane	Wash	47°37' N	117°31' W	599.85
24225	Medford	Oreg	42°23' N	122°52' W	405.08
24229	Portland	Oreg	45°36' N	122°36' W	7.925
24240	Tatoosh Island	Wash	48°23' N	124°44' W	36.27
93037	Colorado Springs	Colo	38°49' N	104°42' W	1881.53
93814	Cincinnati	Ohio	39°04' N	84°40' W	270.66

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## 10. Appendix I. $N_s$ data for the United States

The weather stations used in this study are listed in table 6. The station code number identifies the detailed data listed in table 7. In table 7 the column headings are:

Sta.: station code number as in table 6.

Mo.: month of year given as 01 through 12 where 01 is January and 12 is December.

Hr.: hour of the day in local standard time.

S.D.: standard deviation of  $N_s$ .

$J$ : number of pieces of data in the sample.

Mean: mean  $N_s$  for the  $J$  pieces of data.

Max.: maximum  $N_s$  observed during the period of record.

Min.: minimum  $N_s$  observed during the period of record.

Type 1: IBM code for  $N_s$ .



TABLE 7

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
03103	01	00	3.3	43	245.0	251.4	236.8		07	00	15.2	62	264.5	284.1	226.1	1	
		02	3.5	43	244.9	250.8	238.3			02	15.0	62	264.9	283.7	229.4	1	
		04	3.4	55	245.1	255.1	236.6			04	14.0	62	264.7	284.6	229.4	1	
		06	3.5	187	245.2	256.3	236.7			06	12.8	217	266.7	287.2	233.8	1	
		08	3.8	197	244.9	257.6	233.4			08	16.4	217	261.6	286.6	220.2	1	
		10	5.6	198	242.0	256.1	226.4			10	16.0	217	254.9	287.9	214.2	1	
		12	6.7	198	239.6	256.2	222.6			12	16.5	217	252.7	285.0	216.4	1	
		14	6.0	105	238.9	254.4	219.5			14	19.4	124	256.4	288.2	218.7	1	
		16	5.8	105	240.1	254.2	229.4			16	18.7	124	255.2	285.7	218.2	1	
		18	5.0	106	243.1	255.3	226.9			18	18.6	124	257.0	285.2	214.8	1	
		20	4.7	106	244.8	256.2	228.7			20	17.2	124	262.6	288.3	222.1	1	
		22	3.8	75	245.4	254.1	234.5			22	15.5	62	264.6	283.8	231.4	1	
03103	02	00	3.8	56	246.7	256.8	237.3		08	00	11.0	62	262.1	290.7	238.3	1	
		02	3.5	56	246.7	256.7	239.6			02	10.4	62	261.4	288.6	237.4	1	
		04	3.4	62	245.9	256.2	238.2			04	10.4	62	260.6	287.9	241.1	1	
		06	3.7	185	244.6	254.5	234.4			06	10.7	217	265.4	289.4	239.8	1	
		08	4.1	198	243.2	256.8	230.8			08	13.2	217	262.2	289.8	232.2	1	
		10	5.2	198	239.8	255.6	224.7			10	14.4	217	255.3	288.9	220.9	1	
		12	6.0	198	238.1	258.2	225.2			12	15.3	217	252.9	289.6	219.1	1	
		14	6.3	113	237.8	257.7	225.2			14	15.1	118	251.6	285.4	219.5	1	
		16	6.4	113	238.6	256.8	223.9			16	14.6	118	251.9	289.4	222.5	1	
		18	5.5	113	241.6	257.4	228.8			18	15.3	118	255.1	291.2	224.6	1	
		20	4.8	113	244.0	256.2	235.0			20	12.7	118	261.2	293.2	237.6	1	
		22	4.5	85	245.6	256.0	234.9			22	11.3	62	260.6	286.8	235.7	1	
03103	03	00	5.3	62	240.7	254.0	227.5		09	00	10.9	60	252.7	279.6	230.4	1	
		02	4.9	62	240.8	254.2	229.6			02	9.4	60	253.2	277.9	231.4	1	
		04	4.4	62	241.5	254.1	232.0			04	8.2	60	253.0	275.0	235.3	1	
		06	4.3	201	242.7	254.8	227.5			06	8.7	210	253.2	276.8	235.4	1	
		08	5.5	217	240.3	254.7	222.4			08	12.6	210	248.9	285.8	224.8	1	
		10	6.7	217	236.7	256.5	222.7			10	12.4	210	240.7	276.8	220.5	1	
		12	7.2	217	234.7	254.7	218.9			12	13.1	210	238.0	286.8	215.3	1	
		14	8.0	124	234.9	255.6	219.7			14	13.6	90	237.7	278.4	217.6	1	
		16	7.5	124	235.0	254.7	220.5			16	13.6	90	238.8	277.3	219.2	1	
		18	6.5	124	237.6	254.7	225.2			18	13.4	90	245.0	276.3	222.9	1	
		20	5.7	124	240.5	256.4	228.4			20	12.2	90	250.2	278.6	229.4	1	
		22	5.1	78	240.9	254.4	227.4			22	11.4	60	251.9	276.9	233.8	1	
03103	04	00	6.4	60	243.7	259.3	232.0		10	00	7.5	62	244.9	274.9	234.8	1	
		02	5.8	60	244.2	259.1	231.6			02	7.2	62	245.7	273.7	234.3	1	
		04	5.8	60	244.7	259.5	233.7			04	6.0	62	246.2	266.6	235.2	1	
		06	5.9	210	244.7	258.8	227.4			06	6.3	217	246.9	274.0	233.1	1	
		08	8.2	210	239.5	259.4	222.4			08	9.4	217	242.5	278.7	224.7	1	
		10	9.1	210	235.5	259.6	218.1			10	10.5	217	236.8	276.8	220.6	1	
		12	9.7	210	233.5	259.1	215.5			12	10.4	217	234.0	274.6	217.6	1	
		14	10.0	120	233.5	258.7	216.7			14	10.6	93	231.1	275.0	217.9	1	
		16	11.0	120	234.4	263.1	217.7			16	10.0	93	231.7	280.3	219.3	1	
		18	10.4	120	237.6	261.4	217.9			18	8.5	93	238.9	277.5	225.9	1	
		20	8.9	120	241.6	261.5	226.3			20	7.5	93	242.1	273.7	228.6	1	
		22	7.1	60	241.8	260.0	231.0			22	7.3	62	243.6	276.4	232.2	1	
03103	05	00	6.5	62	242.4	255.0	227.5		11	00	5.9	60	245.3	260.7	231.8	1	
		02	6.3	62	242.7	255.3	228.4			02	5.8	60	245.8	257.4	232.8	1	
		04	5.2	62	244.0	255.2	230.9			04	5.5	60	245.5	257.4	234.9	1	
		06	7.0	217	244.3	265.4	228.4			06	4.8	210	244.8	259.6	230.5	1	
		08	7.4	217	236.8	260.8	217.9			08	5.7	210	243.1	260.5	230.7	1	
		10	8.1	217	233.3	277.3	217.2			10	7.4	210	238.5	258.7	223.2	1	
		12	7.9	217	231.2	254.8	216.9			12	8.0	210	236.1	258.8	217.7	1	
		14	8.6	124	230.3	254.5	214.8			14	8.9	90	236.7	260.0	217.1	1	
		16	8.0	124	229.9	257.2	215.6			16	9.2	90	238.2	261.5	218.5	1	
		18	8.0	124	231.7	254.0	217.9			18	7.4	90	242.7	262.1	226.0	1	
		20	7.9	124	237.0	259.0	221.6			20	6.2	90	244.3	263.1	231.0	1	
		22	6.3	62	240.2	254.3	226.0			22	6.3	60	244.5	263.2	233.3	1	
03103	06	00	7.6	60	239.1	263.7	227.6		12	00	5.7	47	242.4	255.6	230.0	1	
		02	8.9	60	240.8	274.0	228.5			02	5.4	47	242.4	254.9	231.2	1	
		04	9.0	60	241.0	274.0	230.9			04	4.6	53	242.7	253.4	233.0	1	
		06	9.4	210	243.3	279.5	225.2			06	4.6	214	244.2	256.8	231.9	1	
		08	10.8	210	235.5	275.6	220.1			08	4.7	217	243.7	259.4	231.3	1	
		10	11.3	210	231.5	277.8	214.9			10	6.0	217	240.2	258.6	223.2	1	
		12	11.6	210	229.1	273.8	210.8			12	6.7	217	237.9	257.7	221.2	1	
		14	10.5	120	226.4	269.7	208.7			14	7.1	93	238.5	255.3	221.1	1	
		16	10.5	120	225.9	264.6	209.0			16	7.1	93	239.3	256.6	222.2	1	
		18	9.9	120	227.2	262.2	212.6			18	5.9	93	242.7	256.4	227.7	1	
		20	9.8	120	232.5	266.2	217.7			20	5.2	93	244.1	256.7	232.6	1	
		22	8.9	60	235.5	274.0	224.9			22	5.5	62	243.2	256.1	231.5	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
12839	01	00	14.2	217	346.8	372.8	312.3		07	00	5.5	248	381.1	400.8	366.4		1
		02	14.2	217	346.8	374.9	310.4			02	4.7	248	381.5	395.2	365.3		1
		04	14.3	217	346.5	376.8	311.9			04	4.8	248	380.9	394.9	367.8		1
		06	13.6	217	346.0	375.7	312.5			06	4.7	248	381.2	397.4	368.1		1
		08	14.4	217	346.1	377.0	310.8			08	6.5	248	379.1	399.6	360.3		1
		10	14.4	216	341.6	374.2	301.6			10	7.8	248	371.5	396.7	336.0		1
		12	14.6	217	337.4	368.1	291.6			12	7.9	248	369.9	394.4	343.4		1
		14	15.7	217	336.5	370.0	287.2			14	9.1	248	370.7	398.1	334.5		1
		16	16.2	217	338.8	374.1	284.9			16	9.1	248	371.4	394.5	340.3		1
		18	14.9	217	343.7	377.3	296.0			18	6.8	248	374.7	390.3	351.6		1
		20	14.7	217	346.1	376.0	302.5			20	5.6	247	378.2	391.4	361.9		1
		22	14.4	217	346.8	375.8	309.4			22	5.7	247	380.0	392.0	360.5		1
12839	02	00	13.8	197	347.1	379.0	309.3		08	00	5.3	248	382.3	396.4	366.1		1
		02	13.3	197	347.2	376.4	314.4			02	5.4	248	382.7	397.6	365.6		1
		04	13.0	197	346.3	373.9	311.6			04	4.4	248	382.6	395.8	366.8		1
		06	13.4	197	346.2	378.7	306.9			06	5.3	247	382.8	398.8	367.8		1
		08	14.5	197	345.8	377.6	303.3			08	6.5	248	381.2	396.9	357.4		1
		10	14.9	197	340.3	379.9	299.8			10	7.5	248	371.7	388.4	346.8		1
		12	14.7	197	336.2	380.0	295.6			12	8.9	248	369.4	392.9	334.7		1
		14	14.9	197	335.1	371.2	294.0			14	9.0	248	370.5	395.5	344.9		1
		16	15.5	197	336.5	369.9	295.6			16	9.6	248	372.0	399.1	348.6		1
		18	14.9	197	342.0	376.5	301.6			18	7.6	248	376.2	393.6	352.6		1
		20	13.6	197	345.2	376.7	310.7			20	6.5	248	379.9	394.8	355.6		1
		22	13.5	197	346.7	376.8	313.8			22	6.3	247	381.4	395.9	362.4		1
12839	03	00	15.9	217	352.1	379.9	318.2		09	00	6.3	240	381.7	395.5	352.9		1
		02	15.6	217	351.9	379.8	309.2			02	6.3	240	381.5	397.2	362.1		1
		04	16.0	217	350.9	380.0	310.3			04	6.4	240	381.4	395.8	351.7		1
		06	15.7	217	350.5	380.3	312.3			06	6.3	240	381.9	398.6	354.7		1
		08	17.1	217	349.5	382.7	305.4			08	7.4	239	381.2	397.5	349.3		1
		10	17.5	217	342.7	376.1	298.4			10	8.4	240	373.5	394.5	349.2		1
		12	18.0	217	339.9	374.3	289.0			12	10.0	239	371.3	397.8	338.9		1
		14	18.0	217	339.8	375.6	290.7			14	9.6	240	370.7	390.2	336.1		1
		16	18.0	217	340.6	376.7	294.5			16	9.7	240	373.6	400.5	334.1		1
		18	17.2	217	345.6	377.9	298.2			18	8.1	240	378.0	397.6	347.7		1
		20	16.2	217	349.4	379.2	308.7			20	7.1	239	379.9	395.5	351.8		1
		22	16.1	217	351.1	378.8	313.7			22	6.7	240	381.0	399.7	362.3		1
12839	04	00	15.9	210	354.8	383.1	314.2		10	00	14.4	247	370.6	397.8	315.9		1
		02	15.5	210	354.8	386.7	315.8			02	13.9	246	370.3	390.8	315.1		1
		04	15.7	210	354.8	386.9	311.5			04	13.8	248	370.6	395.5	316.9		1
		06	15.7	210	354.4	386.8	317.5			06	13.2	247	370.2	393.3	322.1		1
		08	16.9	210	352.4	382.8	313.2			08	14.7	247	370.7	392.5	314.6		1
		10	17.1	210	346.2	377.8	298.9			10	16.5	248	364.5	398.4	306.2		1
		12	17.8	210	343.4	382.3	299.2			12	17.0	248	361.5	391.6	303.1		1
		14	17.6	210	343.6	384.0	294.1			14	17.7	248	360.3	395.4	308.0		1
		16	17.8	210	345.6	378.0	291.0			16	17.3	248	362.0	389.7	308.0		1
		18	17.6	210	349.5	386.4	296.8			18	16.1	248	366.1	392.2	311.4		1
		20	17.0	210	352.7	384.7	306.0			20	15.2	248	368.0	391.5	318.2		1
		22	16.0	210	354.8	387.8	310.0			22	15.0	248	369.1	392.7	314.9		1
12839	05	00	11.8	217	365.2	389.9	327.4		11	00	17.3	240	355.5	389.9	311.9		1
		02	11.7	217	365.0	389.5	333.8			02	16.9	240	355.0	389.7	313.4		1
		04	11.3	217	365.0	393.5	332.4			04	16.8	240	354.8	387.5	312.2		1
		06	11.4	217	364.5	393.0	332.9			06	16.6	240	354.6	388.3	313.6		1
		08	11.4	217	361.9	388.9	330.1			08	18.1	240	355.0	388.7	307.6		1
		10	14.2	217	353.7	393.7	316.8			10	18.0	240	349.6	387.8	299.4		1
		12	16.2	217	351.8	396.8	308.6			12	17.7	240	346.1	383.4	290.8		1
		14	14.7	217	352.0	387.8	308.3			14	18.9	240	345.2	384.7	293.6		1
		16	14.4	217	355.3	386.0	310.8			16	19.1	240	347.0	384.1	293.6		1
		18	13.7	216	358.0	382.6	317.3			18	17.4	240	351.7	387.0	307.4		1
		20	13.4	217	362.6	395.6	325.0			20	17.1	240	354.1	387.0	307.6		1
		22	12.4	217	364.3	395.8	326.4			22	17.0	240	354.7	386.8	311.9		1
12839	06	00	8.5	210	376.0	391.5	333.3		12	00	16.4	248	350.6	383.6	312.2		1
		02	8.2	211	376.6	390.4	340.6			02	15.8	248	349.9	379.8	316.5		1
		04	8.6	210	376.5	391.0	331.8			04	16.0	248	349.3	379.3	314.4		1
		06	9.1	209	376.7	395.6	334.4			06	16.2	248	349.0	379.1	312.0		1
		08	9.8	210	373.9	395.6	331.4			08	17.8	248	349.5	384.2	310.9		1
		10	11.6	210	365.9	396.4	326.0			10	18.6	248	345.9	389.5	301.0		1
		12	13.1	210	365.1	394.2	325.7			12	18.3	248	341.8	379.9	293.8		1
		14	12.5	209	366.3	396.4	324.4			14	18.6	248	341.2	379.2	295.1		1
		16	11.9	210	368.0	397.6	324.1			16	19.4	248	342.9	382.0	297.1		1
		18	10.6	210	371.2	391.9	324.7			18	18.3	248	347.2	386.0	305.0		1
		20	10.1	210	374.0	398.7	332.4			20	17.6	248	349.4	387.3	303.7		1
		22	9.1	210	375.2	395.3	336.6			22	17.2	248	350.3	383.3	305.8		1

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
12842	01	00	15.3	216	341.5	371.4	302.3		07	00	4.9	245	380.8	394.0	367.8	1	
		02	15.5	216	341.8	371.6	304.5			02	4.8	247	380.6	395.8	364.4	1	
		04	15.7	216	341.8	369.2	301.7			04	5.0	244	380.5	392.4	365.6	1	
		06	15.3	216	341.6	371.3	306.8			06	5.1	230	381.6	394.4	366.5	1	
		08	15.7	216	342.7	371.6	307.1			08	6.2	243	380.1	399.0	357.7	1	
		10	18.5	216	339.3	373.1	292.3			10	8.1	242	372.2	394.8	347.3	1	
		12	18.1	216	332.7	372.5	287.6			12	10.4	241	366.8	394.0	334.7	1	
		14	17.3	215	329.0	371.5	288.1			14	11.8	246	366.7	396.1	325.8	1	
		16	16.9	216	330.4	366.0	288.6			16	10.6	241	369.7	396.8	330.8	1	
		18	15.9	213	337.7	368.0	294.4			18	8.9	245	374.4	395.7	334.9	1	
		20	14.9	214	340.5	371.8	300.5			20	6.1	246	378.6	391.8	357.3	1	
		22	15.1	215	341.6	373.6	297.4			22	5.2	245	379.9	391.9	363.7	1	
12842	02	00	14.3	192	341.6	373.6	307.5		08	00	6.2	231	383.0	396.6	359.6	1	
		02	14.7	186	341.4	371.7	304.0			02	5.5	230	382.8	397.5	362.8	1	
		04	14.3	186	340.6	372.9	304.4			04	5.7	227	382.9	396.7	362.7	1	
		06	14.4	194	340.9	371.1	305.2			06	5.5	244	383.3	396.7	366.7	1	
		08	16.3	184	341.5	373.7	301.1			08	6.6	244	383.1	401.4	363.7	1	
		10	18.8	188	337.0	374.3	295.3			10	7.9	243	375.3	394.5	350.0	1	
		12	18.7	185	331.3	376.2	286.7			12	10.1	231	371.8	405.0	341.8	1	
		14	19.0	180	328.6	371.9	282.2			14	10.2	242	371.5	396.0	346.3	1	
		16	19.0	184	329.3	368.4	289.0			16	10.0	240	373.2	395.8	336.0	1	
		18	17.2	178	336.0	371.8	292.0			18	8.5	239	376.5	395.5	335.4	1	
		20	15.7	188	340.1	373.5	305.2			20	7.2	244	381.0	399.5	352.6	1	
		22	14.3	186	341.4	373.1	309.7			22	6.3	234	382.3	398.1	361.1	1	
12842	03	00	17.7	212	344.3	374.8	300.3		09	00	6.5	214	379.8	392.0	358.7	1	
		02	18.4	216	344.0	377.4	302.8			02	6.4	212	380.5	393.2	356.6	1	
		04	19.0	210	343.6	375.0	302.3			04	6.3	208	380.5	394.6	355.5	1	
		06	19.0	216	343.5	377.9	300.2			06	6.5	211	380.2	395.7	360.2	1	
		08	21.8	215	343.9	377.3	298.3			08	7.5	208	380.3	396.5	351.0	1	
		10	23.3	213	337.1	376.9	292.1			10	9.7	212	372.3	390.8	330.0	1	
		12	23.1	214	332.8	375.9	287.6			12	11.6	210	366.0	414.4	325.8	1	
		14	23.3	212	330.7	374.9	276.7			14	12.9	206	364.8	396.6	321.4	1	
		16	23.3	212	332.6	374.8	285.3			16	13.1	217	367.6	393.7	321.4	1	
		18	21.5	211	338.3	374.8	292.3			18	10.9	214	373.6	393.1	334.2	1	
		20	19.5	214	343.4	378.4	302.0			20	8.9	217	376.8	394.8	350.9	1	
		22	18.3	215	344.7	380.1	307.0			22	7.6	215	378.7	392.4	353.0	1	
12842	04	00	16.4	198	348.3	382.4	306.1		10	00	16.3	231	362.0	391.4	317.1	1	
		02	16.0	199	349.3	383.1	301.8			02	16.9	229	361.2	391.4	299.4	1	
		04	15.8	205	348.5	381.1	301.9			04	17.0	227	360.6	391.5	303.1	1	
		06	15.7	200	348.7	380.0	303.4			06	17.2	227	360.3	393.0	301.6	1	
		08	19.0	203	347.6	379.7	298.8			08	19.2	234	361.7	392.2	299.9	1	
		10	20.8	191	339.7	376.0	290.0			10	20.2	227	354.1	391.9	300.2	1	
		12	20.6	207	335.5	378.7	287.5			12	18.8	230	348.1	387.0	297.1	1	
		14	21.9	201	332.8	377.4	284.4			14	18.9	230	345.4	387.4	295.7	1	
		16	21.9	201	334.9	378.4	294.2			16	19.3	226	346.8	391.4	297.7	1	
		18	19.9	206	341.0	381.1	300.0			18	17.4	231	354.6	391.7	307.5	1	
		20	18.1	202	347.0	381.7	304.7			20	16.3	230	358.5	388.2	313.4	1	
		22	16.9	193	348.4	381.4	305.4			22	15.9	230	360.3	394.1	319.6	1	
12842	05	00	13.0	214	361.0	397.7	317.5		11	00	17.5	235	346.9	386.7	305.1	1	
		02	12.6	216	361.1	395.5	323.5			02	17.7	238	346.1	384.4	303.5	1	
		04	12.3	215	361.0	389.7	317.4			04	18.4	237	345.1	382.8	298.8	1	
		06	12.9	216	362.6	386.6	313.8			06	18.2	239	344.4	383.3	299.8	1	
		08	14.9	215	360.0	386.2	312.1			08	19.7	237	345.2	383.7	300.0	1	
		10	17.7	215	349.5	382.9	295.1			10	20.9	237	340.9	385.6	296.8	1	
		12	18.2	216	343.3	382.6	296.8			12	20.7	236	336.7	382.7	289.8	1	
		14	18.7	217	340.7	380.5	292.3			14	20.6	238	334.6	385.3	286.6	1	
		16	18.9	215	343.6	386.8	291.9			16	21.1	239	336.6	391.9	287.8	1	
		18	17.3	217	349.5	386.7	294.7			18	18.8	236	342.9	387.2	298.3	1	
		20	15.6	215	357.7	385.7	306.5			20	18.1	236	345.2	388.2	300.9	1	
		22	14.5	217	359.9	392.0	312.9			22	17.6	237	346.1	388.3	302.4	1	
12842	06	00	11.1	209	374.6	396.3	324.3		12	00	16.7	242	342.5	379.2	306.0	1	
		02	10.5	210	374.9	398.3	330.2			02	16.8	241	342.1	379.0	303.6	1	
		04	12.5	211	374.3	395.2	265.0			04	16.7	243	341.3	377.3	304.3	1	
		06	9.5	209	375.7	395.9	332.2			06	16.5	239	340.7	377.1	307.2	1	
		08	10.6	210	373.2	395.4	335.4			08	17.2	240	342.3	381.0	304.9	1	
		10	13.0	209	365.3	396.0	307.2			10	19.8	246	339.3	376.0	295.8	1	
		12	15.3	210	359.7	399.6	302.8			12	19.9	235	336.4	377.4	293.2	1	
		14	16.5	210	358.6	403.3	305.0			14	20.1	233	334.3	373.1	290.3	1	
		16	16.6	210	360.1	396.0	305.4			16	19.6	244	335.2	373.0	292.4	1	
		18	15.3	209	365.0	400.1	310.6			18	17.9	241	340.1	378.5	300.0	1	
		20	12.7	208	371.1	395.3	315.4			20	17.1	238	341.7	377.4	302.6	1	
		22	11.6	210	373.8	395.5	317.0			22	16.6	247	342.4	380.6	306.4	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
12919	01	00	19.7	248	248	345.6	379.5	297.8	07	00	4.8	248	248	385.7	397.3	368.2	1
		02	19.9	248	248	344.9	380.2	299.0		02	4.8	248	248	385.7	399.5	365.1	1
		04	19.7	248	248	344.1	378.4	297.1		04	4.9	248	248	384.7	396.6	359.2	1
		06	19.6	248	248	343.6	375.4	297.4		06	4.9	248	248	384.5	395.9	359.3	1
		08	20.7	248	248	344.5	379.2	296.6		08	5.5	248	248	379.6	399.7	365.8	1
		10	20.8	248	248	341.9	377.7	293.4		10	8.0	248	248	367.4	392.7	343.0	1
		12	20.2	248	248	337.6	372.0	289.8		12	10.8	248	248	363.7	391.9	315.7	1
		14	20.6	248	248	335.3	375.4	285.2		14	10.5	247	247	363.0	397.0	315.4	1
		16	20.9	248	248	337.4	373.6	285.5		16	9.7	248	248	365.4	392.2	325.9	1
		18	20.9	248	248	342.7	377.2	289.6		18	8.1	246	246	372.2	394.1	344.0	1
		20	19.7	248	248	345.4	379.8	295.1		20	5.6	248	248	381.9	399.0	365.9	1
		22	19.7	248	248	345.8	379.8	296.6		22	5.3	248	248	384.8	399.5	368.1	1
12919	02	00	17.9	226	226	346.7	376.5	298.8	08	00	5.8	248	248	386.2	402.0	357.4	1
		02	18.2	226	226	346.1	377.0	303.3		02	5.4	248	248	385.6	398.1	356.0	1
		04	18.1	225	225	345.8	377.0	304.7		04	5.8	248	248	384.8	397.9	358.2	1
		06	17.6	225	225	345.9	377.2	305.3		06	5.8	248	248	384.0	398.6	357.2	1
		08	19.4	226	226	346.8	377.5	300.5		08	6.3	248	248	382.6	400.8	360.1	1
		10	20.2	226	226	342.8	380.4	288.3		10	9.7	248	248	369.2	399.9	342.9	1
		12	20.7	226	226	338.0	371.7	281.1		12	11.3	248	248	364.7	396.5	330.0	1
		14	21.2	226	226	335.3	368.5	273.7		14	10.7	248	248	364.3	395.0	332.6	1
		16	21.1	226	226	336.7	368.7	282.0		16	10.2	247	247	366.4	398.0	340.5	1
		18	20.2	226	226	342.4	372.7	286.6		18	8.1	248	248	373.7	398.0	344.4	1
		20	18.9	226	226	346.3	378.1	295.1		20	6.4	248	248	382.7	396.9	354.7	1
		22	18.2	226	226	347.1	375.7	289.8		22	5.8	247	247	385.1	401.8	355.5	1
12919	03	00	18.5	248	248	353.9	381.6	298.8	09	00	11.4	239	239	379.8	401.5	334.2	1
		02	18.6	248	248	353.3	379.7	299.9		02	11.7	240	240	379.5	397.7	329.6	1
		04	19.2	247	247	352.7	380.6	294.1		04	11.5	240	240	378.5	397.6	333.5	1
		06	19.0	248	248	352.5	382.0	295.2		06	11.6	240	240	377.9	396.8	333.1	1
		08	19.9	248	248	353.2	378.9	294.1		08	12.7	240	240	379.8	404.0	327.9	1
		10	19.1	248	248	347.0	380.3	289.2		10	14.2	240	240	370.1	397.6	319.9	1
		12	18.8	248	248	342.5	376.6	281.7		12	15.5	240	240	365.5	394.6	307.6	1
		14	20.0	248	248	340.5	374.7	269.6		14	16.9	240	240	364.4	401.9	303.6	1
		16	20.1	248	248	342.6	373.1	270.7		16	15.9	240	240	365.9	400.4	307.0	1
		18	19.9	248	248	348.4	377.5	273.5		18	13.8	240	240	371.8	398.8	318.0	1
		20	18.9	248	248	352.9	380.5	295.0		20	12.2	240	240	378.1	401.4	332.6	1
		22	18.4	248	248	354.1	382.3	296.3		22	11.6	240	240	379.5	402.7	339.6	1
12919	04	00	16.7	240	240	361.9	386.7	313.8	10	00	18.4	248	248	362.4	395.3	315.9	1
		02	16.5	240	240	361.9	383.7	301.8		02	18.5	248	248	361.5	393.7	314.8	1
		04	16.4	240	240	361.5	383.9	309.2		04	18.4	248	248	360.8	394.1	314.1	1
		06	16.5	240	240	361.6	384.7	300.2		06	18.5	248	248	360.3	394.3	312.2	1
		08	17.1	240	240	359.7	384.8	297.2		08	20.1	248	248	362.6	393.7	311.2	1
		10	19.2	240	240	352.0	386.7	281.0		10	19.7	248	248	354.3	391.3	296.8	1
		12	20.4	240	240	347.6	388.0	283.2		12	21.0	248	248	349.1	390.2	294.9	1
		14	21.3	240	240	345.4	382.1	279.9		14	21.7	248	248	348.7	393.9	294.2	1
		16	20.5	240	240	347.8	382.0	288.2		16	21.0	248	248	350.1	388.9	297.8	1
		18	19.5	240	240	354.0	382.8	292.1		18	19.9	248	248	356.8	389.3	302.5	1
		20	18.1	239	239	360.4	386.0	311.3		20	18.9	248	248	361.1	393.7	311.5	1
		22	17.2	240	240	362.0	384.7	311.6		22	18.5	248	248	361.9	396.3	314.7	1
12919	05	00	14.1	217	217	373.2	393.7	313.9	11	00	21.3	238	238	348.5	385.3	298.2	1
		02	14.1	217	217	372.6	395.4	316.4		02	20.9	239	239	348.1	385.2	298.4	1
		04	13.9	217	217	372.1	395.3	316.2		04	20.6	239	239	347.0	384.9	298.8	1
		06	13.9	217	217	372.5	394.9	319.3		06	20.6	239	239	346.6	386.4	299.0	1
		08	13.6	217	217	368.4	391.4	316.3		08	22.5	239	239	348.2	394.2	299.6	1
		10	14.0	217	217	360.9	386.7	312.8		10	22.2	239	239	343.5	383.5	292.3	1
		12	14.6	217	217	357.3	384.7	308.4		12	22.5	240	240	339.1	385.4	288.0	1
		14	14.9	217	217	357.1	384.4	306.5		14	22.3	240	240	337.3	380.6	282.5	1
		16	15.4	217	217	359.0	383.7	307.3									
		18	15.0	217	217	365.1	388.7	310.2		18	22.0	239	239	346.2	385.6	293.0	1
		20	14.2	217	217	371.8	394.2	317.6		20	21.3	239	239	348.7	383.0	294.1	1
		22	14.2	217	217	372.9	394.3	316.0		22	21.2	239	239	348.6	384.4	295.8	1
12919	06	00	8.4	210	210	383.6	399.8	337.9	12	00	20.4	248	248	344.7	383.1	301.3	1
		02	8.4	210	210	383.3	401.2	340.3		02	20.2	248	248	344.0	382.9	301.2	1
		04	8.3	210	210	382.5	400.7	340.4		04	20.6	248	248	343.7	382.5	296.1	1
		06	8.0	210	210	382.8	400.8	340.4		06	20.7	248	248	343.4	382.6	299.3	1
		08	8.6	210	210	376.7	398.2	338.1		08	21.4	248	248	343.5	381.5	300.7	1
		10	10.2	210	210	367.1	395.6	324.4		10	21.5	248	248	340.4	380.6	296.1	1
		12	11.0	210	210	364.3	393.0	324.9		12	20.8	248	248	336.2	375.9	292.8	1
		14	11.5	210	210	363.7	392.2	308.7		14	21.4	248	248	333.7	375.7	287.8	1
		16	11.4	210	210	366.4	397.6	303.1		16	21.7	248	248	335.8	376.8	283.9	1
		18	10.2	210	210	372.2	396.0	307.4		18	20.7	420	420	340.9	382.2	293.1	1
		20	8.7	210	210	381.2	398.8	334.1		20	20.1	248	248	344.5	383.2	300.8	1
		22	9.0	210	210	383.3	403.1	331.8		22	20.4	248	248	344.5	383.3	300.2	1



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
12921	01	00	20.0	248	317.5	362.5	282.9		07	00	11.1	279	360.3	384.7	311.6	1	
		02	19.7	248	318.1	359.9	286.0			02	9.9	279	364.0	381.5	324.3	1	
		04	19.1	248	318.3	359.5	288.4			04	9.4	279	365.7	382.7	315.1	1	
		06	19.0	248	318.9	358.1	287.7			06	9.4	279	365.9	382.9	317.4	1	
		08	19.3	248	319.3	358.8	289.8			08	9.0	279	362.7	380.9	297.5	1	
		10	21.4	248	317.1	359.2	274.8			10	10.4	279	351.1	376.9	288.8	1	
		12	21.3	246	313.2	359.2	270.4			12	12.0	279	340.3	378.4	294.4	1	
		14	21.3	248	308.6	354.0	266.3			14	14.0	279	332.0	379.1	288.9	1	
		16	21.1	248	307.6	354.6	266.2			16	16.3	279	329.0	380.9	279.3	1	
		18	20.7	248	311.0	360.1	274.8			18	17.8	279	333.0	377.2	278.2	1	
		20	19.9	248	314.5	360.0	280.7			20	15.6	279	344.4	377.7	298.1	1	
		22	19.7	248	316.8	361.1	279.7			22	12.3	279	353.5	383.3	310.2	1	
12921	02	00	19.2	225	319.3	358.4	277.9		08	00	13.0	279	354.6	379.7	307.7	1	
		02	18.7	226	319.2	357.5	279.4			02	12.4	278	358.8	380.2	315.7	1	
		04	18.8	226	318.7	359.7	277.3			04	12.0	279	360.3	378.4	326.4	1	
		06	18.5	226	318.8	355.8	276.5			06	11.7	279	361.0	380.3	327.5	1	
		08	19.2	226	319.6	357.1	272.2			08	10.3	279	360.7	381.7	323.9	1	
		10	22.0	226	317.0	357.3	266.6			10	11.9	279	347.2	379.5	302.4	1	
		12	23.1	226	312.8	358.7	259.9			12	12.9	279	335.5	383.5	299.5	1	
		14	22.9	226	308.3	361.1	261.7			14	15.2	279	326.6	379.3	286.2	1	
		16	22.6	226	306.4	360.3	262.1			16	17.2	279	323.1	376.7	282.8	1	
		18	22.1	226	309.4	358.6	257.7			18	18.4	279	326.6	376.6	285.8	1	
		20	20.7	226	314.6	357.2	271.6			20	17.5	279	339.0	382.4	292.9	1	
		22	20.2	226	317.4	358.1	274.7			22	13.8	279	349.2	380.1	301.7	1	
12921	03	00	22.7	248	321.0	363.3	270.8		09	00	21.0	240	350.1	381.8	288.9	1	
		02	22.0	248	322.4	366.6	271.6			02	21.1	240	351.5	383.7	290.7	1	
		04	21.5	248	322.2	365.9	277.0			04	20.6	240	351.7	380.3	291.1	1	
		06	21.3	248	322.8	363.7	274.8			06	19.9	240	352.0	381.0	291.0	1	
		08	22.5	248	322.2	363.8	277.6			08	20.8	240	351.9	381.5	289.4	1	
		10	24.3	248	318.0	363.9	258.9			10	20.8	240	342.0	382.2	290.3	1	
		12	23.9	248	312.9	366.8	268.3			12	20.2	240	333.0	376.4	280.6	1	
		14	23.6	248	307.7	364.9	268.1			14	20.6	240	326.2	379.9	279.4	1	
		16	23.2	248	305.9	366.6	264.9			16	22.1	240	324.6	387.7	276.7	1	
		18	22.9	248	308.8	365.4	269.8			18	22.2	240	330.1	378.1	281.8	1	
		20	22.5	248	314.8	365.2	274.2			20	21.6	240	340.1	383.7	286.5	1	
		22	22.6	248	319.6	365.4	273.4			22	21.3	240	345.8	389.4	284.9	1	
12921	04	00	22.5	240	330.9	371.6	276.6		10	00	24.3	248	333.5	376.9	283.2	1	
		02	22.1	240	331.3	369.9	273.7			02	23.6	248	334.0	381.0	282.5	1	
		04	21.9	240	331.4	368.6	273.4			04	24.0	248	334.5	381.8	286.6	1	
		06	22.1	240	331.2	369.7	271.2			06	23.8	248	335.1	380.3	290.6	1	
		08	23.8	240	330.7	368.1	270.0			08	25.8	248	335.0	382.6	283.1	1	
		10	24.7	240	326.1	369.9	269.0			10	25.4	248	329.1	376.9	276.3	1	
		12	25.0	240	320.5	373.3	264.7			12	24.2	248	321.0	379.5	274.9	1	
		14	25.1	240	315.4	367.8	257.7			14	23.0	248	315.0	376.9	272.7	1	
		16	25.3	240	313.7	363.8	257.7			16	24.1	248	313.6	377.0	271.6	1	
		18	25.3	240	317.0	369.0	258.2			18	23.9	248	319.7	376.4	278.9	1	
		20	23.7	240	323.3	366.2	266.7			20	23.1	248	325.9	373.0	281.9	1	
		22	23.2	240	328.5	367.2	268.7			22	23.8	248	331.2	375.6	284.1	1	
12921	05	00	18.2	248	348.5	379.3	288.1		11	00	20.4	240	319.0	370.1	283.0	1	
		02	17.1	248	349.7	379.0	292.7			02	20.0	240	319.5	369.2	287.7	1	
		04	16.4	248	349.8	376.1	297.2			04	20.0	240	319.6	368.2	289.3	1	
		06	16.1	248	350.1	373.6	295.2			06	19.9	240	319.9	367.6	289.0	1	
		08	16.9	248	348.1	375.6	288.2			08	20.9	240	320.1	367.3	287.3	1	
		10	17.8	248	339.9	370.0	280.7			10	23.0	240	316.3	361.2	277.4	1	
		12	19.0	248	333.2	367.8	276.0			12	21.9	240	311.8	360.9	274.7	1	
		14	19.8	248	327.6	371.6	273.8			14	20.5	240	306.9	352.2	270.8	1	
		16	20.4	248	326.0	370.0	272.2			16	20.8	240	305.3	356.3	274.2	1	
		18	20.3	248	329.7	370.2	275.2			18	19.7	240	310.2	358.1	280.4	1	
		20	19.3	248	337.7	372.6	286.6			20	20.0	239	314.3	365.6	281.2	1	
		22	18.8	248	344.8	378.7	289.9			22	20.7	239	317.2	370.6	281.3	1	
12921	06	00	12.1	240	358.8	383.4	303.8		12	00	17.6	248	314.6	362.3	282.2	1	
		02	11.9	240	361.1	386.4	311.4			02	17.2	248	314.8	363.7	285.3	1	
		04	12.0	240	361.9	384.5	307.2			04	16.9	248	314.8	364.5	279.2	1	
		06	12.0	240	363.0	383.4	311.8			06	17.4	248	315.2	366.5	278.8	1	
		08	11.3	240	358.8	382.5	300.8			08	18.0	248	315.3	365.0	277.6	1	
		10	12.4	240	348.5	382.9	292.5			10	21.1	247	313.4	366.7	275.6	1	
		12	14.6	240	340.1	379.5	285.3			12	21.1	248	309.5	363.1	272.0	1	
		14	16.8	240	332.9	386.7	286.9			14	20.6	248	305.7	362.7	269.0	1	
		16	17.6	240	329.8	386.0	287.0			16	20.2	248	304.9	358.5	270.4	1	
		18	17.9	240	335.7	378.2	285.4			18	19.5	248	309.6	362.2	274.8	1	
		20	16.5	240	345.1	383.8	291.7			20	18.4	248	312.5	360.2	279.0	1	
		22	13.3	240	353.6	383.0	298.6			22	17.7	248	314.4	361.2	283.5	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13723	01	00	11.9	248	309.8	340.4	289.0		07	00	12.0	279	357.5	376.5	323.8	1	
		02	11.7	248	310.2	341.9	292.8			02	11.6	279	356.6	376.1	323.6	1	
		04	11.6	248	310.5	341.8	293.2			04	11.1	279	356.4	374.2	325.8	1	
		06	11.3	248	310.5	342.2	292.4			06	11.2	279	357.4	374.9	322.6	1	
		08	11.1	248	310.1	342.5	292.0			08	13.4	278	354.6	376.7	308.4	1	
		10	13.1	248	307.9	343.1	285.1			10	15.1	279	348.3	374.4	306.5	1	
		12	13.9	248	304.8	340.6	272.0			12	15.8	279	343.8	375.0	299.8	1	
		14	14.5	248	303.0	341.9	271.5			14	16.9	279	341.0	377.7	299.0	1	
		16	14.2	248	304.0	339.7	272.4			16	18.3	279	342.4	376.3	294.9	1	
		18	13.2	248	307.3	341.6	278.3			18	17.5	279	347.9	386.9	303.6	1	
		20	12.6	248	308.7	340.2	280.4			20	14.1	279	356.5	386.8	316.4	1	
		22	12.2	248	309.4	345.1	285.1			22	12.4	279	357.7	378.5	320.6	1	
13723	02	00	9.6	226	308.7	345.0	289.6		08	00	11.8	279	356.0	381.5	322.3	1	
		02	9.3	226	309.4	346.0	292.6			02	11.5	279	354.9	379.5	320.8	1	
		04	9.2	226	309.6	344.6	294.2			04	11.5	279	354.0	377.8	320.0	1	
		06	8.9	226	309.6	343.0	290.9			06	11.9	279	354.1	377.2	323.4	1	
		08	9.5	226	309.1	341.6	289.9			08	13.0	279	353.7	376.8	316.8	1	
		10	12.1	226	305.4	340.2	280.0			10	14.6	279	347.7	376.3	307.8	1	
		12	13.4	226	302.5	344.4	274.8			12	15.5	279	342.7	378.7	303.9	1	
		14	13.5	226	300.8	337.7	275.4			14	16.9	279	340.0	381.1	299.6	1	
		16	14.0	226	300.6	340.6	277.0			16	17.2	279	341.2	373.6	301.6	1	
		18	12.2	226	303.9	340.0	280.5			18	15.8	279	348.8	377.8	308.4	1	
		20	11.2	226	306.9	339.2	283.7			20	13.0	279	356.5	384.2	320.1	1	
		22	10.7	226	307.9	341.3	285.6			22	12.3	279	356.5	381.3	321.3	1	
13723	03	00	12.9	247	308.9	348.4	287.5		09	00	15.2	239	340.8	371.1	303.3	1	
		02	12.6	248	309.7	348.3	290.8			02	15.0	240	340.6	373.0	305.8	1	
		04	12.6	248	310.0	348.3	289.3			04	15.0	239	340.2	373.7	310.4	1	
		06	12.1	248	310.7	348.8	290.0			06	15.2	240	340.0	373.9	307.6	1	
		08	13.7	248	308.9	351.1	285.1			08	17.3	240	339.9	376.3	303.1	1	
		10	15.4	248	305.2	354.5	278.4			10	18.7	237	333.8	368.9	297.5	1	
		12	16.0	248	302.0	349.5	274.0			12	19.1	240	328.9	372.2	291.9	1	
		14	16.5	248	299.9	346.0	272.7			14	19.2	240	326.5	368.3	286.6	1	
		16	16.6	247	299.5	344.4	274.7			16	19.4	240	327.4	373.8	287.6	1	
		18	15.3	248	302.9	343.4	275.0			18	17.7	240	335.7	374.5	293.0	1	
		20	13.6	248	306.9	348.6	278.6			20	15.3	240	341.9	372.4	299.2	1	
		22	12.9	248	308.1	347.6	283.9			22	15.3	240	341.3	369.9	300.4	1	
13723	04	00	15.6	240	315.5	352.6	280.8		10	00	13.9	248	324.0	360.6	292.6	1	
		02	15.2	240	316.6	351.2	286.1			02	13.6	248	324.3	360.2	299.2	1	
		04	14.4	240	317.0	351.6	290.3			04	13.6	248	324.1	364.1	298.0	1	
		06	14.2	240	317.5	352.0	292.7			06	13.7	248	324.0	364.4	297.3	1	
		08	16.6	240	314.4	351.3	288.4			08	15.6	248	324.5	366.9	290.7	1	
		10	17.6	240	309.3	357.3	282.1			10	17.4	248	318.2	367.1	280.7	1	
		12	17.4	240	305.3	352.0	276.9			12	17.6	248	313.2	361.0	275.1	1	
		14	18.2	240	302.9	348.5	273.1			14	17.9	248	310.5	359.9	267.8	1	
		16	19.2	240	303.2	354.8	274.5			16	17.5	248	311.3	359.0	274.5	1	
		18	19.1	240	306.8	356.4	275.0			18	15.8	248	320.3	362.8	287.3	1	
		20	17.1	240	312.6	354.4	279.5			20	14.7	248	323.3	358.1	288.4	1	
		22	16.7	240	315.0	352.3	285.5			22	13.8	248	323.3	359.2	292.6	1	
13723	05	00	14.6	248	331.1	360.1	289.0		11	00	12.2	240	311.9	352.9	285.5	1	
		02	14.0	248	331.0	360.5	295.1			02	12.0	240	312.1	352.7	283.5	1	
		04	13.6	248	330.9	363.8	300.9			04	11.9	240	312.1	351.0	289.2	1	
		06	14.0	248	331.6	369.0	299.4			06	11.4	240	312.2	353.8	289.4	1	
		08	17.1	248	327.7	371.3	293.0			08	12.5	240	312.0	354.1	291.3	1	
		10	18.2	248	322.7	367.9	289.7			10	15.3	240	307.0	353.1	282.7	1	
		12	18.4	248	319.7	365.3	283.6			12	16.3	240	303.6	354.9	272.9	1	
		14	18.7	248	317.6	360.7	282.3			14	16.5	240	301.4	356.6	267.3	1	
		16	19.4	248	318.1	365.4	281.2			16	15.7	240	302.8	353.7	273.2	1	
		18	18.3	248	321.7	359.8	284.2			18	13.5	240	308.5	354.2	281.1	1	
		20	15.6	248	329.6	364.8	291.4			20	12.5	240	310.7	347.9	281.4	1	
		22	14.9	248	331.6	364.3	285.8			22	11.9	240	311.3	347.8	281.7	1	
13723	06	00	15.7	240	346.8	376.8	308.8		12	00	10.7	248	308.5	349.7	287.8	1	
		02	15.1	240	346.3	374.8	311.8			02	10.6	248	308.4	350.0	287.5	1	
		04	14.9	240	345.9	373.5	313.7			04	10.5	248	308.3	350.0	290.3	1	
		06	15.2	240	346.6	374.3	304.7			06	10.1	248	308.4	348.1	292.4	1	
		08	17.7	240	342.8	374.8	300.2			08	10.3	248	308.7	349.5	293.9	1	
		10	18.7	240	337.3	372.8	294.6			10	12.8	247	306.4	348.3	284.5	1	
		12	18.7	240	332.8	374.6	286.2			12	14.3	248	303.3	349.5	279.6	1	
		14	19.2	240	330.1	372.0	286.3			14	15.0	248	302.0	349.4	278.5	1	
		16	19.6	240	331.3	372.4	291.2			16	14.8	248	303.1	350.1	282.1	1	
		18	20.3	240	336.1	376.6	289.7			18	12.7	248	306.7	348.6	286.3	1	
		20	18.0	240	345.3	379.3	302.7			20	11.6	248	308.1	347.8	290.0	1	
		22	15.9	240	347.8	377.2	308.4			22	11.1	248	308.6	348.2	286.2	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13743	01	00	9.6	217	315.1	343.4	296.6		07	00	14.7	248	362.4	393.4	317.4	1	
		02	9.6	217	315.6	342.9	294.7			02	14.4	248	362.1	392.2	318.2	1	
		04	9.6	217	315.8	342.9	290.8			04	14.6	248	361.6	386.9	315.7	1	
		06	9.6	217	316.1	346.5	294.5			06	14.4	248	361.2	386.4	317.7	1	
		08	10.0	217	316.0	349.5	296.7			08	16.1	248	357.2	390.0	317.0	1	
		10	10.6	217	314.6	353.5	292.0			10	17.5	248	351.7	386.2	310.9	1	
		12	10.9	217	312.1	342.0	290.0			12	17.8	248	347.6	403.3	310.2	1	
		14	10.9	217	310.4	344.1	290.2			14	18.5	248	344.9	393.2	308.9	1	
		16	11.0	217	310.6	346.0	284.8			16	18.9	248	345.7	392.5	308.2	1	
		18	10.3	217	312.3	343.1	288.4			18	19.2	247	351.8	394.5	310.8	1	
		20	9.8	217	313.7	340.7	291.5			20	16.8	248	359.6	394.8	320.3	1	
		22	9.8	217	314.7	343.5	294.2			22	15.3	248	362.1	394.1	323.1	1	
13743	02	00	8.9	197	313.2	339.4	290.9		08	00	15.8	248	361.2	391.8	318.3	1	
		02	8.5	197	313.7	343.0	298.3			02	15.6	248	360.9	391.0	317.2	1	
		04	8.6	197	314.0	341.0	298.2			04	15.4	248	360.2	391.1	318.9	1	
		06	8.5	197	314.3	349.4	292.7			06	15.7	248	359.9	390.5	318.2	1	
		08	8.9	197	313.8	349.5	294.8			08	17.5	248	357.5	390.0	315.4	1	
		10	9.9	197	311.5	352.9	289.7			10	18.8	248	352.2	389.2	310.3	1	
		12	10.7	197	308.8	349.6	283.5			12	19.3	248	347.6	385.7	303.4	1	
		14	10.7	197	307.1	343.0	284.3			14	19.9	248	345.5	388.2	302.1	1	
		16	11.0	197	306.8	339.6	281.5			16	20.6	248	346.6	392.8	301.9	1	
		18	10.8	197	309.4	349.6	284.9			18	19.4	248	353.0	389.6	306.3	1	
		20	10.3	197	311.2	349.3	287.1			20	17.0	248	358.6	391.6	313.2	1	
		22	9.9	197	312.2	351.5	288.3			22	16.3	248	361.0	392.1	315.0	1	
13743	03	00	11.3	217	313.6	352.7	294.1		09	00	16.8	240	348.1	390.0	308.9	1	
		02	10.8	217	314.1	348.9	295.5			02	16.2	240	347.6	388.5	308.2	1	
		04	10.3	217	314.5	350.5	298.8			04	16.1	240	346.7	385.8	307.2	1	
		06	10.2	217	314.9	351.4	299.2			06	16.2	240	346.3	385.9	301.3	1	
		08	10.5	217	313.8	351.7	292.8			08	17.8	240	344.3	381.8	305.2	1	
		10	12.0	217	310.8	352.4	289.4			10	18.9	240	339.2	378.7	300.3	1	
		12	12.6	216	308.0	352.3	285.2			12	19.2	240	334.6	378.7	298.5	1	
		14	13.1	217	306.5	356.3	285.0			14	19.6	240	332.4	382.2	294.9	1	
		16	13.3	217	306.0	354.4	283.3			16	19.7	240	334.2	381.7	295.8	1	
		18	12.7	217	308.3	356.1	286.6			18	18.6	240	341.1	378.6	301.8	1	
		20	11.5	217	310.5	355.7	290.1			20	17.3	240	345.5	383.4	307.2	1	
		22	11.3	217	312.5	354.7	293.1			22	16.8	240	347.1	386.6	302.6	1	
13743	04	00	13.2	210	320.7	355.3	297.2		10	00	15.7	248	332.5	376.8	299.5	1	
		02	12.8	210	321.5	354.1	298.5			02	15.5	248	332.5	377.4	301.8	1	
		04	12.8	210	321.3	354.2	297.3			04	15.0	248	332.2	377.4	302.5	1	
		06	12.8	209	321.6	353.4	298.7			06	14.2	248	331.8	378.2	305.0	1	
		08	13.8	210	319.7	358.1	295.9			08	15.5	248	330.9	376.4	300.2	1	
		10	15.0	210	316.1	358.8	290.0			10	17.0	248	327.4	372.0	291.1	1	
		12	16.0	210	313.6	362.1	287.8			12	16.8	248	323.3	372.7	279.4	1	
		14	16.3	210	311.6	355.0	285.7			14	17.5	248	320.5	367.0	277.5	1	
		16	16.8	210	311.5	357.6	281.8			16	17.6	248	321.9	367.1	278.7	1	
		18	16.4	210	314.2	360.4	288.0			18	16.6	248	327.9	370.2	288.3	1	
		20	15.2	210	317.7	355.5	291.3			20	16.4	248	330.4	371.2	293.6	1	
		22	14.4	210	320.0	356.7	294.9			22	15.8	248	331.2	373.2	294.0	1	
13743	05	00	16.0	217	335.2	369.1	297.8		11	00	12.0	240	319.2	360.3	299.2	1	
		02	15.6	217	335.1	365.2	300.0			02	12.0	240	319.6	363.5	297.9	1	
		04	15.2	217	335.0	366.0	303.4			04	11.9	240	319.7	361.5	297.1	1	
		06	15.4	217	334.9	367.5	303.9			06	11.7	240	320.0	357.7	298.8	1	
		08	16.7	217	331.9	366.3	294.6			08	12.4	240	319.7	358.7	290.9	1	
		10	18.3	217	328.2	371.0	292.3			10	13.5	240	316.7	359.6	290.2	1	
		12	19.1	217	325.8	370.9	285.4			12	14.3	240	312.8	356.5	280.8	1	
		14	19.4	218	324.6	369.6	286.0			14	14.4	240	310.7	356.3	279.8	1	
		16	20.2	217	325.3	371.9	285.4			16	13.9	240	311.8	357.3	286.1	1	
		18	20.2	217	328.3	370.8	286.6			18	13.0	240	315.3	357.3	293.7	1	
		20	17.8	217	332.6	368.3	294.3			20	12.7	240	317.1	360.3	296.6	1	
		22	16.6	217	334.7	369.6	295.2			22	12.2	240	318.3	361.0	297.5	1	
13743	06	00	17.4	210	350.0	386.0	305.2		12	00	9.4	248	314.4	351.0	298.8	1	
		02	16.8	210	350.2	386.9	306.4			02	9.0	248	314.7	346.5	295.4	1	
		04	16.9	210	350.0	386.3	306.1			04	9.0	248	315.0	351.2	298.4	1	
		06	16.8	210	349.5	387.6	308.5			06	8.9	222	315.0	351.6	300.8	1	
		08	17.1	210	346.8	387.9	306.0			08	8.8	248	314.9	351.7	301.0	1	
		10	18.8	210	342.8	392.0	303.6			10	10.0	248	313.0	350.4	296.9	1	
		12	19.3	210	338.9	383.5	299.8			12	10.8	248	310.5	347.5	294.9	1	
		14	20.2	210	336.2	380.7	292.4			14	11.4	248	309.1	352.4	289.4	1	
		16	20.5	210	336.5	380.3	294.9			16	11.2	248	310.0	349.3	291.0	1	
		18	20.5	210	340.9	380.6	298.7			18	10.7	248	312.1	351.7	292.0	1	
		20	18.5	210	346.4	386.0	299.4			20	10.4	248	313.4	355.0	294.7	1	
		22	18.0	210	348.8	388.8	304.3			22	10.1	248	314.2	352.2	294.9	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13745	01	00	14.4	217	328.8	360.9	303.5		07	00	13.9	248	381.3	405.0	319.2		1
		02	14.1	217	328.6	361.4	305.4			02	11.9	196	382.0	402.9	341.0		1
		04	14.1	217	328.6	359.5	304.9			04	12.9	248	380.1	402.7	325.2		1
		06	14.2	217	328.5	360.7	305.5			06	13.1	248	380.5	403.0	330.2		1
		08	14.3	217	329.2	362.1	305.2			08	14.3	248	378.7	401.3	327.6		1
		10	14.9	217	328.5	362.7	304.2			10	14.4	248	378.3	404.2	326.3		1
		12	14.8	217	327.7	360.2	300.6			12	14.2	248	378.7	405.0	323.5		1
		14	14.7	217	327.4	359.6	302.0			14	14.8	245	379.2	412.1	326.0		1
		16	14.5	217	328.2	359.3	302.5			16	15.3	248	379.9	411.5	321.9		1
		18	13.9	217	328.6	359.8	300.7			18	15.2	248	380.4	412.0	326.0		1
		20	14.1	217	329.4	360.4	302.4			20	14.3	248	381.3	407.2	327.9		1
		22	14.5	217	329.1	359.3	303.9			22	13.8	248	381.9	407.6	332.9		1
13745	02	00	12.7	197	326.7	359.7	301.7		08	00	15.7	248	378.7	404.3	324.3		1
		02	12.8	197	326.6	359.1	304.2			02	15.5	248	378.0	401.6	326.3		1
		04	12.7	197	326.5	360.9	304.9			04	15.6	248	377.6	402.8	333.0		1
		06	12.1	197	326.1	357.5	305.2			06	15.4	248	378.1	403.3	332.3		1
		08	12.5	197	326.1	359.5	304.4			08	16.3	248	376.7	404.0	327.5		1
		10	13.1	197	325.3	357.6	302.5			10	16.8	248	376.5	404.5	328.6		1
		12	13.2	197	324.7	357.8	300.9			12	17.9	248	376.3	408.9	324.8		1
		14	13.5	197	324.8	358.4	300.2			14	17.9	248	376.7	407.2	324.1		1
		16	13.2	197	325.4	361.6	298.7			16	17.1	248	376.6	404.2	326.7		1
		18	12.5	197	326.5	361.0	299.1			18	16.5	248	377.6	402.6	323.1		1
		20	12.2	197	326.8	360.1	302.4			20	15.9	248	378.5	406.6	330.9		1
		22	12.7	197	327.0	358.7	300.1			22	15.8	248	378.7	403.9	331.8		1
13745	03	00	14.9	217	328.3	362.4	298.8		09	00	15.8	240	367.7	397.3	326.6		1
		02	14.8	217	328.2	361.4	299.0			02	14.9	240	368.2	396.0	328.0		1
		04	15.1	217	327.7	360.0	298.4			04	15.0	240	368.0	398.7	323.8		1
		06	15.1	217	328.1	360.6	302.8			06	15.4	240	368.0	395.6	324.3		1
		08	15.4	217	328.3	365.8	297.8			08	15.4	240	367.0	394.9	329.8		1
		10	16.0	217	327.2	362.3	299.7			10	15.3	240	366.4	394.9	326.3		1
		12	16.3	217	326.7	364.4	296.6			12	15.7	240	365.2	397.8	323.5		1
		14	16.2	217	326.8	364.8	297.7			14	15.9	240	365.4	395.4	321.4		1
		16	15.8	217	326.8	365.0	297.8			16	15.7	240	365.2	396.3	324.3		1
		18	15.1	217	328.3	363.4	296.5			18	15.6	240	366.8	396.4	323.3		1
		20	14.7	217	328.7	362.5	297.2			20	15.5	240	366.6	396.9	323.0		1
		22	14.8	217	328.4	363.7	296.5			22	15.7	239	367.0	395.9	321.6		1
13745	04	00	15.3	210	338.5	368.8	302.0		10	00	17.4	248	350.6	394.0	305.4		1
		02	15.2	210	338.6	369.4	302.5			02	16.9	248	350.2	392.3	306.9		1
		04	15.3	210	338.1	366.8	303.6			04	17.4	248	350.0	392.4	305.3		1
		06	15.5	210	337.8	371.6	302.6			06	17.1	248	350.2	391.2	308.5		1
		08	16.2	210	336.4	369.3	299.1			08	17.4	248	350.0	391.5	309.8		1
		10	16.7	210	335.3	368.2	300.4			10	17.9	248	349.2	392.5	303.9		1
		12	16.7	210	335.6	369.3	298.1			12	18.3	248	348.1	384.6	305.7		1
		14	17.2	210	334.9	371.4	296.4			14	19.0	248	347.6	386.0	301.7		1
		16	16.5	210	336.4	372.7	297.9			16	18.3	248	348.4	389.0	306.3		1
		18	15.6	210	338.6	369.5	297.8			18	17.5	248	350.0	391.0	308.4		1
		20	15.3	210	339.8	368.0	299.4			20	17.6	248	350.7	393.5	307.6		1
		22	15.4	210	339.5	368.9	302.2			22	17.8	248	350.6	394.8	304.5		1
13745	05	00	16.4	217	351.9	385.5	305.5		11	00	17.0	240	334.3	375.5	301.9		1
		02	15.6	217	352.1	384.9	304.3			02	16.5	240	334.4	376.1	303.6		1
		04	15.4	217	351.7	385.6	307.1			04	16.7	240	334.1	375.3	306.0		1
		06	16.1	217	351.6	387.7	304.7			06	15.9	240	334.1	371.8	305.2		1
		08	17.3	217	349.8	386.7	302.9			08	15.9	240	334.3	374.1	302.8		1
		10	17.9	217	349.4	387.4	302.0			10	16.5	240	332.8	377.0	302.9		1
		12	19.1	217	348.9	382.5	303.5			12	17.2	240	332.0	378.3	302.5		1
		14	18.4	217	348.5	382.6	305.2			14	17.3	240	332.2	379.3	300.4		1
		16	18.1	217	349.4	383.7	304.2			16	16.9	240	333.5	374.8	303.6		1
		18	16.6	217	351.3	381.9	309.6			18	16.6	240	334.3	372.3	302.3		1
		20	16.1	217	352.9	382.8	307.9			20	16.9	240	334.5	369.9	302.0		1
		22	16.2	217	353.0	384.2	303.5			22	16.9	240	334.2	375.7	300.0		1
13745	06	00	17.4	210	369.3	409.5	322.5		12	00	14.5	248	326.3	365.3	302.4		1
		02	17.3	210	368.0	409.4	327.7			02	14.1	248	326.5	363.2	301.1		1
		04	16.8	210	368.2	404.7	329.4			04	13.9	248	326.2	361.8	301.8		1
		06	17.7	210	368.6	412.8	319.4			06	13.5	248	326.3	364.2	303.5		1
		08	18.1	210	366.8	406.2	323.5			08	13.9	248	326.4	362.1	303.6		1
		10	19.3	210	365.8	405.7	310.4			10	15.0	248	326.2	374.1	302.8		1
		12	19.6	210	366.0	402.4	319.1			12	15.2	248	325.4	370.6	300.3		1
		14	19.6	210	365.7	401.3	314.8			14	15.6	248	324.8	377.5	298.5		1
		16	19.1	210	366.5	399.4	314.8			16	15.1	248	325.7	368.5	297.5		1
		18	18.3	210	367.8	411.9	324.5			18	14.5	248	326.3	369.6	301.1		1
		20	18.2	210	369.4	412.2	323.0			20	14.5	248	326.8	369.5	301.6		1
		22	17.9	211	370.3	417.7	319.7			22	14.5	248	326.6	362.9	302.8		1

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13874	01	00	13.7	244	313.5	349.1	291.2		07	00	13.3	248	358.0	378.8	311.8	1	
		02	13.7	245	313.3	346.5	290.0			02	12.2	248	358.4	379.2	314.8	1	
		04	13.8	248	313.7	347.6	291.6			04	11.4	248	358.5	380.5	319.2	1	
		06	13.7	248	314.1	347.2	292.7			06	11.5	248	358.8	378.4	319.5	1	
		08	13.8	247	314.3	348.1	293.9			08	12.2	248	358.4	375.0	316.6	1	
		10	15.2	248	313.2	349.5	289.0			10	13.6	248	354.0	378.7	311.3	1	
		12	16.0	244	311.0	348.9	284.9			12	15.5	248	348.4	379.0	297.5	1	
		14	15.9	248	308.2	350.1	278.1			14	17.0	248	344.3	378.6	299.7	1	
		16	16.2	247	308.0	350.1	279.6			16	18.4	248	343.9	380.4	292.7	1	
		18	15.4	248	310.6	347.5	280.9			18	18.3	248	347.7	378.7	298.0	1	
		20	14.6	243	312.6	345.5	285.9			20	15.9	248	353.7	380.0	299.9	1	
		22	14.2	248	312.9	347.3	287.6			22	13.9	248	357.0	381.1	311.7	1	
13874	02	00	12.2	226	311.4	346.8	287.1		08	00	12.1	248	355.6	375.6	318.3	1	
		02	11.9	226	312.1	347.2	291.8			02	11.7	248	355.6	373.6	318.2	1	
		04	11.3	226	312.4	345.0	291.0			04	11.6	248	355.6	374.2	316.0	1	
		06	11.5	226	312.8	344.8	293.8			06	11.2	248	356.0	375.6	321.6	1	
		08	12.0	226	312.6	345.5	290.6			08	12.0	248	355.1	377.7	319.0	1	
		10	14.0	226	310.4	350.7	280.6			10	13.1	248	350.7	373.7	309.0	1	
		12	15.3	226	307.0	344.5	277.3			12	14.3	248	344.7	374.8	301.2	1	
		14	16.3	224	303.8	344.7	273.8			14	15.7	248	340.0	375.4	300.3	1	
		16	16.3	225	303.2	347.9	275.6			16	16.8	248	340.3	383.2	301.0	1	
		18	15.0	226	306.0	345.5	280.5			18	15.8	248	344.6	379.9	306.4	1	
		20	14.1	226	308.9	346.5	284.5			20	13.6	248	351.6	379.1	308.6	1	
		22	13.3	226	310.5	344.0	287.9			22	13.1	248	354.0	377.9	314.0	1	
13874	03	00	15.7	248	312.2	353.3	289.4		09	00	16.3	240	341.7	378.0	306.3	1	
		02	15.2	248	313.1	353.4	290.4			02	15.9	240	341.8	373.3	307.7	1	
		04	15.5	248	313.5	353.2	291.0			04	15.6	240	342.2	374.9	306.3	1	
		06	15.6	248	313.8	354.7	289.5			06	15.3	240	342.5	371.8	309.6	1	
		08	16.1	246	313.2	349.2	289.9			08	16.4	240	342.4	374.1	307.0	1	
		10	18.3	247	310.5	352.4	284.1			10	17.5	240	338.7	381.0	300.0	1	
		12	19.2	248	307.0	348.1	276.8			12	18.0	240	333.1	374.5	295.2	1	
		14	19.5	248	303.8	354.3	274.0			14	18.5	240	329.9	373.9	285.0	1	
		16	19.7	248	303.0	348.1	274.0			16	18.7	240	329.0	373.1	280.3	1	
		18	18.8	245	305.4	350.7	273.4			18	17.6	240	334.0	372.7	284.0	1	
		20	17.7	248	308.8	349.5	282.3			20	16.7	240	340.0	376.0	297.4	1	
		22	17.0	248	310.6	352.5	282.9			22	16.5	240	341.3	377.9	303.1	1	
13874	04	00	16.2	209	317.2	350.9	287.7		10	00	17.7	248	326.2	368.8	291.7	1	
		02	15.5	210	318.1	350.5	290.7			02	17.2	248	326.3	367.6	292.5	1	
		04	15.5	210	318.8	349.9	290.1			04	16.9	248	326.3	367.6	294.4	1	
		06	15.0	210	319.8	349.3	291.4			06	16.7	248	326.5	366.3	293.6	1	
		08	17.2	210	318.9	354.8	289.8			08	18.1	248	326.1	365.3	290.6	1	
		10	18.8	210	315.0	350.4	283.8			10	19.9	248	322.0	364.4	280.5	1	
		12	19.1	210	311.1	355.4	280.2			12	20.2	248	316.8	362.9	278.0	1	
		14	19.3	210	307.5	351.4	278.9			14	20.6	248	313.7	368.7	272.9	1	
		16	20.3	210	306.2	357.9	275.3			16	20.6	248	313.7	384.3	273.4	1	
		18	20.0	210	308.0	352.9	274.2			18	19.0	248	320.4	367.1	285.1	1	
		20	18.4	210	313.8	355.7	282.4			20	18.2	247	323.9	364.3	289.6	1	
		22	17.4	210	316.3	357.7	284.1			22	17.9	248	325.0	364.7	288.3	1	
13874	05	00	16.9	217	332.5	368.8	291.4		11	00	14.6	240	312.2	350.3	283.4	1	
		02	16.3	217	333.2	367.7	297.6			02	14.3	240	312.4	357.0	279.7	1	
		04	15.9	217	333.6	368.1	301.1			04	14.0	240	312.4	353.8	280.9	1	
		06	15.7	217	334.1	367.4	302.0			06	13.7	240	312.9	354.2	279.7	1	
		08	18.0	217	333.0	371.3	292.5			08	14.2	240	312.4	356.6	279.0	1	
		10	19.2	216	327.7	375.0	284.0			10	16.5	240	309.9	358.4	276.9	1	
		12	19.6	217	322.6	377.6	280.4			12	17.5	238	306.0	354.2	272.4	1	
		14	19.7	217	319.0	362.1	278.2			14	18.2	240	303.7	352.2	269.6	1	
		16	20.1	217	317.8	363.0	277.7			16	18.2	239	303.7	354.3	268.6	1	
		18	20.6	217	321.8	365.4	277.5			18	16.2	240	308.0	353.3	278.5	1	
		20	18.6	216	329.2	365.6	289.0			20	15.1	240	310.3	348.8	278.6	1	
		22	17.4	217	332.0	367.6	291.2			22	14.6	240	311.2	349.2	280.0	1	
13874	06	00	15.9	210	348.7	376.3	301.3		12	00	12.7	248	309.9	349.2	288.6	1	
		02	15.5	210	349.2	375.4	300.8			02	12.3	248	310.2	349.2	287.4	1	
		04	14.9	210	349.3	375.5	302.8			04	12.2	248	310.3	350.1	289.5	1	
		06	14.9	210	350.3	375.9	303.4			06	12.1	248	310.8	349.2	292.3	1	
		08	15.1	210	349.4	377.5	308.0			08	12.6	248	311.1	350.4	293.2	1	
		10	17.5	210	345.2	377.3	296.1			10	14.5	248	310.1	353.2	286.1	1	
		12	17.5	210	339.6	375.4	297.1			12	16.5	248	308.1	355.6	279.8	1	
		14	17.9	210	335.2	375.0	292.7			14	17.1	248	306.3	354.3	277.7	1	
		16	18.5	210	334.8	381.7	290.9			16	17.0	248	306.4	351.8	278.5	1	
		18	19.1	210	338.5	376.5	288.8			18	14.8	248	308.7	351.7	287.1	1	
		20	18.5	210	345.0	392.2	299.9			20	13.9	248	309.7	355.2	287.8	1	
		22	17.4	210	347.8	379.9	300.5			22	13.2	248	309.9	350.2	287.9	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13880	01	00	14.9	248	328.3	359.5	296.8		07	00	9.0	245	380.7	403.7	340.7	1	
		02	14.5	248	328.4	369.5	299.5			02	9.4	245	379.2	406.5	341.6	1	
		04	14.1	248	327.9	364.3	299.6			04	9.4	248	377.4	403.3	326.2	1	
		06	13.9	248	327.7	361.7	299.8			06	9.7	244	379.1	408.7	330.5	1	
		08	14.7	248	328.3	362.1	298.5			08	10.7	247	378.4	400.8	333.1	1	
		10	17.6	248	325.3	378.5	292.9			10	11.8	245	372.9	398.0	329.2	1	
		12	17.9	248	320.6	365.1	286.0			12	12.8	245	370.0	402.5	325.9	1	
		14	18.1	248	319.0	367.0	288.0			14	13.8	248	371.4	406.7	312.1	1	
		16	18.5	248	321.2	365.1	288.7			16	13.5	243	373.3	403.7	306.8	1	
		18	17.1	248	326.2	366.4	294.4			18	12.9	243	375.5	398.1	307.7	1	
		20	15.7	248	328.6	365.0	295.4			20	10.2	246	380.8	404.9	342.4	1	
		22	14.9	248	328.8	362.1	296.5			22	9.1	241	381.4	404.3	341.4	1	
13880	02	00	13.9	226	328.7	366.6	292.3		08	00	10.3	233	378.4	404.1	352.1	1	
		02	13.4	226	328.5	364.8	295.3			02	10.5	234	376.4	401.8	344.1	1	
		04	13.5	226	328.2	363.5	299.8			04	10.5	232	375.2	401.4	337.7	1	
		06	13.3	225	328.3	367.3	303.3			06	11.0	234	376.0	403.0	329.1	1	
		08	14.5	226	328.6	370.6	300.7			08	12.3	229	378.0	408.0	328.5	1	
		10	17.2	226	324.1	365.1	295.1			10	14.4	225	370.9	400.8	323.3	1	
		12	17.9	226	320.0	363.6	289.7			12	15.8	218	367.1	398.4	322.3	1	
		14	18.6	225	318.0	360.9	285.8			14	15.8	217	367.3	400.6	318.5	1	
		16	19.0	226	319.2	364.7	286.5			16	16.0	216	368.7	403.9	309.9	1	
		18	17.2	226	324.4	362.1	289.1			18	14.4	222	374.0	402.7	320.4	1	
		20	14.9	226	327.8	362.8	292.0			20	11.1	232	378.6	403.1	344.0	1	
		22	14.1	225	328.8	362.9	296.5			22	10.5	223	378.8	403.4	350.6	1	
13880	03	00	17.2	248	330.7	366.5	293.3		09	00	14.1	224	368.6	395.0	323.6	1	
		02	17.0	247	331.0	368.6	292.1			02	14.6	214	366.9	396.3	323.8	1	
		04	16.9	246	330.7	365.9	293.3			04	14.4	213	365.2	393.0	322.1	1	
		06	16.5	248	330.8	366.7	301.7			06	14.7	212	364.8	395.0	321.2	1	
		08	18.6	248	329.6	370.6	299.2			08	17.1	195	368.4	394.4	317.2	1	
		10	20.8	248	322.8	365.0	292.7			10	16.7	200	364.3	393.2	315.6	1	
		12	20.4	248	318.6	359.6	288.8			12	17.4	183	359.6	392.8	309.5	1	
		14	21.3	248	317.5	363.2	277.5			14	17.2	183	359.8	393.5	307.2	1	
		16	21.5	248	318.5	367.8	285.0			16	16.7	180	362.2	394.4	310.4	1	
		18	20.2	247	322.9	366.5	288.6			18	15.2	240	366.6	393.9	320.2	1	
		20	18.0	247	328.2	367.4	288.7			20	13.8	206	370.7	394.7	324.7	1	
		22	17.6	248	330.4	367.2	291.3			22	13.5	207	369.8	395.7	323.0	1	
13880	04	00	17.0	240	338.7	369.9	293.7		10	00	17.9	224	347.3	386.2	301.3	1	
		02	16.8	240	338.3	370.8	295.8			02	17.7	219	345.5	386.8	307.5	1	
		04	16.7	240	337.7	372.6	300.1			04	17.2	217	344.1	384.9	309.2	1	
		06	16.9	240	337.9	372.9	299.0			06	17.3	248	343.8	382.2	306.5	1	
		08	20.2	240	335.9	374.5	292.7			08	19.5	219	346.6	394.1	306.4	1	
		10	21.5	240	328.2	370.0	285.8			10	21.7	214	341.1	386.3	297.1	1	
		12	22.3	240	324.9	376.2	281.8			12	21.1	215	335.9	378.5	294.2	1	
		14	22.2	240	324.6	368.0	281.3			14	21.8	217	335.4	382.3	290.2	1	
		16	22.1	240	326.2	366.2	282.4			16	20.8	217	341.2	380.9	291.5	1	
		18	21.8	240	331.4	371.5	283.3			18	18.4	210	347.8	383.5	296.6	1	
		20	18.7	240	338.1	370.2	285.0			20	17.3	221	348.5	382.6	292.7	1	
		22	17.7	240	339.8	370.0	287.5			22	17.3	217	349.4	384.1	298.5	1	
13880	05	00	15.1	216	355.2	391.2	319.5		11	00	15.9	210	329.5	372.0	293.0	1	
		02	15.2	217	354.2	390.2	308.9			02	16.3	218	330.5	371.6	299.4	1	
		04	15.0	216	353.0	388.8	315.2			04	16.4	218	331.3	371.9	301.1	1	
		06	15.6	217	354.1	388.0	309.0			06	15.7	216	330.3	369.5	303.2	1	
		08	17.4	217	351.0	384.8	306.4			08	18.1	212	332.7	378.0	303.2	1	
		10	19.2	217	343.8	386.1	303.2			10	19.4	215	325.3	377.4	292.8	1	
		12	19.8	217	339.6	387.2	296.5			12	20.7	211	321.2	375.5	290.0	1	
		14	21.1	217	339.9	384.9	290.8			14	21.6	206	320.7	372.5	290.3	1	
		16	20.8	217	341.7	379.7	291.2			16	21.3	213	323.6	373.2	292.4	1	
		18	18.7	217	347.1	384.7	295.7			18	18.4	205	331.7	376.2	289.9	1	
		20	16.4	217	353.5	389.1	303.7			20	16.9	220	332.8	375.9	294.4	1	
		22	15.2	217	355.6	394.2	313.6			22	16.4	207	331.2	373.7	298.3	1	
13880	06	00	14.7	210	372.2	402.4	325.4		12	00	14.3	214	326.7	367.9	304.5	1	
		02	14.7	210	370.5	403.1	321.3			02	14.1	217	326.1	370.0	301.5	1	
		04	14.6	208	368.9	398.2	320.1			04	14.0	216	325.5	364.7	300.4	1	
		06	15.6	209	370.5	402.7	324.3			06	13.9	219	325.4	363.4	299.3	1	
		08	17.3	210	368.2	412.3	316.1			08	15.0	203	325.4	363.5	298.3	1	
		10	18.2	209	362.3	396.0	303.1			10	17.6	196	322.8	366.0	299.9	1	
		12	19.4	210	358.9	391.3	302.1			12	18.5	192	319.3	366.0	293.4	1	
		14	19.4	210	358.5	393.1	300.1			14	18.4	194	317.4	359.3	285.2	1	
		16	18.9	210	360.6	398.1	296.9			16	18.7	202	320.8	362.5	286.2	1	
		18	18.3	209	365.7	410.1	300.8			18	15.5	189	324.8	363.1	298.1	1	
		20	15.1	209	371.7	406.6	328.3			20	15.4	211	327.2	365.1	300.4	1	
		22	14.2	210	372.9	405.7	334.4			22	14.9	217	326.1	365.1	301.7	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13894	01	00	19.4	248	333.0	369.9	296.3		07	00	8.3	279	379.3	402.2	337.9	1	
		02	18.9	248	332.7	369.7	294.8			02	8.3	279	378.8	402.1	334.1	1	
		04	18.6	248	332.4	370.3	298.9			04	7.8	279	378.3	400.3	334.8	1	
		06	18.6	248	332.4	371.5	301.1			06	8.3	279	379.4	405.4	333.4	1	
		08	20.1	248	332.7	369.9	298.8			08	8.7	279	376.8	393.3	333.2	1	
		10	21.4	248	330.9	373.6	289.5			10	9.8	279	371.5	395.6	335.0	1	
		12	21.8	247	328.1	373.4	284.0			12	12.1	278	367.4	397.3	325.0	1	
		14	22.3	248	328.2	370.9	283.0			14	13.1	279	368.6	402.8	321.8	1	
		16	21.9	248	329.5	369.2	287.6			16	12.2	279	371.7	395.5	326.4	1	
		18	19.9	248	333.4	370.3	293.3			18	8.6	279	376.3	391.7	330.4	1	
		20	19.5	248	333.6	369.7	294.8			20	7.7	278	379.6	396.3	332.9	1	
		22	19.3	248	333.8	370.2	296.6			22	7.6	279	379.9	396.0	335.1	1	
13894	02	00	17.2	226	332.9	368.0	300.4		08	00	9.9	279	377.3	399.7	334.5	1	
		02	16.8	225	332.5	366.0	294.4			02	9.6	279	376.0	396.8	334.8	1	
		04	16.1	226	332.2	366.7	299.9			04	10.1	279	374.9	397.0	335.8	1	
		06	16.1	226	332.0	366.4	306.2			06	10.8	279	375.5	396.9	337.0	1	
		08	17.6	226	332.2	370.3	299.5			08	11.8	279	373.0	398.1	333.9	1	
		10	18.8	226	329.3	369.2	295.2			10	12.3	279	365.7	396.4	314.7	1	
		12	19.3	226	326.4	363.5	290.0			12	13.3	279	361.3	392.0	312.5	1	
		14	20.8	226	326.6	365.6	286.8			14	16.1	279	362.0	393.8	306.3	1	
		16	21.3	225	327.5	369.2	287.5			16	15.6	279	366.7	395.3	314.7	1	
		18	18.6	226	332.3	371.6	295.7			18	11.3	279	374.5	399.1	315.1	1	
		20	17.6	226	333.9	371.1	298.7			20	10.2	279	377.4	399.2	321.3	1	
		22	17.5	226	334.0	371.3	304.0			22	10.2	278	378.0	400.4	319.2	1	
13894	03	00	20.8	248	335.4	372.7	299.6		09	00	17.5	240	364.9	389.7	312.5	1	
		02	20.7	248	334.9	373.7	301.2			02	17.0	240	363.7	389.1	315.5	1	
		04	20.6	248	334.2	373.2	301.0			04	17.1	240	362.6	391.2	314.8	1	
		06	20.4	248	333.9	373.0	303.1			06	17.1	240	362.8	392.6	312.8	1	
		08	23.4	248	331.8	374.0	295.2			08	18.4	240	362.7	397.5	305.1	1	
		10	23.7	248	327.3	370.4	292.3			10	18.1	240	357.3	392.2	300.7	1	
		12	24.8	248	324.5	373.3	286.9			12	19.2	240	352.8	389.1	292.9	1	
		14	25.6	248	324.5	373.3	285.3			14	20.3	240	352.0	391.5	295.2	1	
		16	25.4	248	327.2	372.6	287.4			16	20.6	240	355.1	388.6	298.9	1	
		18	23.0	248	332.8	371.6	289.3			18	16.9	237	364.2	394.4	314.8	1	
		20	21.0	248	335.6	371.5	296.0			20	17.1	240	366.0	391.3	309.1	1	
		22	20.5	248	335.8	373.4	299.0			22	17.1	240	365.4	391.4	305.3	1	
13894	04	00	19.2	240	342.1	376.4	306.0		10	00	21.3	248	344.6	387.0	294.1	1	
		02	19.1	240	341.3	376.5	302.4			02	20.7	248	343.7	387.7	296.8	1	
		04	18.6	240	340.9	377.8	305.4			04	20.2	248	342.6	385.8	299.7	1	
		06	19.4	240	341.4	375.6	306.5			06	20.3	248	342.4	385.7	302.1	1	
		08	22.0	240	337.2	377.5	295.7			08	23.2	248	342.3	390.9	297.9	1	
		10	22.2	240	332.9	377.9	286.3			10	23.2	248	338.0	387.1	290.7	1	
		12	23.1	240	329.8	381.1	288.4			12	23.8	248	333.2	385.6	284.6	1	
		14	23.8	240	329.9	384.2	284.0			14	24.6	248	332.1	384.9	279.6	1	
		16	23.5	240	331.7	377.9	282.5			16	24.5	248	336.0	386.7	284.2	1	
		18	21.6	240	338.3	375.9	290.5			18	21.5	248	345.0	385.5	288.6	1	
		20	19.9	240	342.4	377.2	300.9			20	21.2	248	345.8	385.0	291.3	1	
		22	19.7	240	343.0	378.5	303.7			22	21.1	248	345.2	385.3	293.7	1	
13894	05	00	16.9	248	358.9	389.0	311.3		11	00	19.3	240	329.3	380.4	295.0	1	
		02	16.3	247	358.2	386.3	311.6			02	19.0	240	329.2	379.2	297.6	1	
		04	16.1	248	357.5	386.3	313.7			04	18.6	240	328.5	380.5	301.4	1	
		06	17.5	248	358.1	387.0	311.2			06	17.8	240	328.2	382.7	304.7	1	
		08	19.1	248	352.0	385.3	302.4			08	20.7	240	327.3	377.9	296.2	1	
		10	21.0	248	345.2	387.6	298.0			10	22.0	240	323.8	377.9	288.0	1	
		12	21.3	248	341.3	388.6	295.9			12	22.2	240	320.4	384.7	282.6	1	
		14	22.2	248	341.7	396.5	291.7			14	23.1	240	319.9	376.6	281.0	1	
		16	22.2	248	344.7	386.7	293.1			16	22.5	240	323.4	378.7	287.4	1	
		18	19.6	248	351.5	389.8	299.0			18	19.5	240	328.8	379.7	297.5	1	
		20	17.5	248	357.5	394.2	304.6			20	19.2	240	329.6	378.7	299.6	1	
		22	17.1	248	359.2	392.0	305.7			22	19.1	240	329.2	380.3	294.5	1	
13894	06	00	14.1	240	371.5	395.1	322.7		12	00	18.2	248	328.9	375.1	299.5	1	
		02	14.2	240	370.9	393.9	322.7			02	18.4	248	329.5	375.7	299.2	1	
		04	14.1	240	370.3	397.1	320.9			04	18.2	248	329.4	374.1	304.7	1	
		06	15.0	240	371.3	394.7	323.4			06	17.9	248	328.8	373.2	304.0	1	
		08	16.0	240	366.2	395.4	306.4			08	19.0	248	328.5	375.2	302.4	1	
		10	17.6	240	359.5	391.7	308.7			10	20.3	248	326.3	375.2	295.2	1	
		12	18.4	240	354.7	388.7	304.7			12	20.8	248	324.1	371.7	290.4	1	
		14	20.0	240	355.2	401.3	299.2			14	21.5	248	323.2	373.2	285.8	1	
		16	19.2	240	359.1	401.0	295.6			16	20.8	248	325.9	370.6	290.9	1	
		18	16.9	240	365.7	397.9	309.2			18	18.4	248	328.5	371.9	298.6	1	
		20	14.5	240	372.1	405.8	320.3			20	18.5	248	328.9	374.9	300.1	1	
		22	14.6	239	372.4	405.0	321.0			22	18.3	248	329.0	375.0	300.6	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13897	01	00	11.1	248	315.0	347.5	294.6		07	00	13.4	279	361.6	382.5	320.8	1	
		02	11.0	248	315.1	348.0	296.2			02	12.5	279	362.0	382.7	326.1	1	
		04	11.2	248	315.4	350.0	298.2			04	12.4	279	361.8	383.1	328.8	1	
		06	11.0	248	315.6	349.2	297.1			06	12.7	279	362.5	386.1	328.4	1	
		08	11.7	248	316.3	351.8	298.2			08	13.8	278	359.4	383.1	322.7	1	
		10	12.5	248	315.4	350.7	295.6			10	15.5	279	353.6	383.7	308.2	1	
		12	13.2	248	313.9	348.8	291.9			12	17.2	279	348.6	384.0	288.6	1	
		14	13.9	248	313.1	347.8	289.7			14	18.7	279	345.7	387.0	285.0	1	
		16	13.7	248	313.3	350.9	289.6			16	19.7	279	346.8	385.3	289.4	1	
		18	12.4	248	315.0	347.0	291.2			18	18.8	279	352.3	388.7	292.0	1	
		20	11.5	248	315.0	348.5	290.9			20	16.3	279	358.5	388.6	303.7	1	
		22	11.1	248	315.1	348.2	295.9			22	14.4	278	361.0	384.3	314.8	1	
13897	02	00	9.4	226	313.9	345.8	295.9		08	00	13.5	279	358.0	384.2	319.0	1	
		02	9.3	224	313.9	345.5	294.6			02	12.8	279	357.9	381.7	323.5	1	
		04	9.4	226	314.3	346.6	297.1			04	12.6	279	357.9	383.0	324.8	1	
		06	9.2	226	314.5	345.7	296.7			06	12.7	279	358.6	380.5	324.6	1	
		08	9.8	226	314.3	344.7	293.0			08	13.8	279	356.7	383.5	320.2	1	
		10	11.8	226	312.5	347.9	290.1			10	15.8	279	350.1	383.9	304.5	1	
		12	12.8	226	310.7	343.8	288.3			12	17.1	279	344.3	387.6	303.4	1	
		14	13.3	226	309.5	344.0	284.9			14	18.3	279	342.0	386.5	297.0	1	
		16	13.8	226	310.1	349.7	285.7			16	19.2	279	342.7	387.6	280.1	1	
		18	11.9	226	312.4	349.7	289.1			18	18.0	279	348.5	386.4	290.6	1	
		20	10.7	226	313.6	349.2	292.1			20	16.1	279	354.3	389.2	306.3	1	
		22	10.1	226	313.7	346.6	292.4			22	14.4	279	356.8	382.3	315.3	1	
13897	03	00	12.1	248	314.6	352.6	292.6		09	00	15.0	240	341.0	373.7	308.5	1	
		02	12.2	248	315.0	352.7	292.8			02	14.4	240	341.2	371.7	309.8	1	
		04	11.7	248	315.3	354.3	294.4			04	14.3	240	341.5	372.1	311.1	1	
		06	11.6	248	315.5	352.7	294.7			06	14.4	240	341.7	373.5	310.7	1	
		08	13.1	248	314.2	353.7	292.6			08	16.4	240	339.7	378.8	299.0	1	
		10	14.7	246	312.0	352.9	282.6			10	18.8	240	334.3	378.1	297.1	1	
		12	15.6	248	309.7	354.2	281.0			12	19.4	240	328.5	374.7	288.7	1	
		14	16.1	248	308.1	358.0	280.2			14	19.7	240	325.5	370.8	288.1	1	
		16	15.9	248	308.2	357.5	282.0			16	20.8	240	326.8	375.5	286.9	1	
		18	14.4	248	311.1	357.8	289.6			18	18.9	240	333.3	374.4	294.5	1	
		20	13.1	248	313.3	355.0	291.2			20	17.6	240	338.0	378.2	303.2	1	
		22	12.7	248	314.4	349.3	293.8			22	16.1	240	340.0	378.6	305.7	1	
13897	04	00	13.7	240	321.4	357.9	292.3		10	00	15.5	248	327.7	372.8	289.6	1	
		02	12.9	240	321.9	352.9	298.4			02	15.0	248	327.7	376.2	294.0	1	
		04	12.4	240	322.2	352.7	297.1			04	14.6	248	327.9	371.1	297.7	1	
		06	12.6	240	322.7	353.6	296.9			06	14.6	248	327.7	371.4	299.5	1	
		08	14.9	240	320.7	352.6	292.4			08	16.2	248	327.8	369.8	296.2	1	
		10	16.0	239	318.5	354.8	289.3			10	18.1	248	322.9	365.4	290.4	1	
		12	16.0	240	315.5	359.2	286.7			12	18.4	248	318.6	366.8	286.0	1	
		14	16.4	240	313.8	357.6	282.7			14	19.2	248	316.3	368.3	282.1	1	
		16	16.7	240	313.6	359.2	284.1			16	19.1	248	318.0	372.6	286.4	1	
		18	15.8	240	316.8	355.3	287.9			18	17.6	248	323.6	372.9	291.6	1	
		20	14.6	240	319.7	356.4	286.9			20	16.5	248	325.9	373.5	296.0	1	
		22	13.9	240	320.9	355.3	290.4			22	15.5	248	326.6	373.0	298.0	1	
13897	05	00	13.5	248	338.9	374.0	300.4		11	00	10.8	240	313.9	357.0	292.5	1	
		02	12.8	248	338.6	370.3	302.1			02	11.1	240	314.5	357.8	293.1	1	
		04	12.8	248	338.5	366.9	304.7			04	10.9	240	315.0	355.3	292.2	1	
		06	13.3	248	339.3	370.3	302.7			06	10.6	240	315.2	354.9	300.0	1	
		08	15.7	248	336.8	374.6	298.7			08	11.5	240	314.7	357.7	295.1	1	
		10	17.2	248	333.1	371.2	295.2			10	12.9	240	311.9	360.2	289.2	1	
		12	18.2	248	329.6	374.9	281.3			12	13.5	240	309.1	355.8	284.5	1	
		14	18.2	248	327.8	372.6	281.0			14	14.0	240	307.7	363.0	281.6	1	
		16	18.5	248	327.6	372.4	283.2			16	13.5	240	308.9	359.7	282.2	1	
		18	17.9	248	332.6	378.9	286.2			18	12.2	240	311.3	360.2	286.8	1	
		20	16.0	248	337.4	385.3	297.4			20	11.2	240	312.8	359.0	288.1	1	
		22	14.5	248	339.3	380.0	298.7			22	10.9	240	313.3	358.3	291.8	1	
13897	06	00	13.3	240	354.5	385.7	320.6		12	00	10.4	248	313.2	352.9	295.9	1	
		02	12.9	240	354.1	381.3	321.6			02	10.3	248	314.0	353.9	300.1	1	
		04	12.9	240	353.9	379.3	321.5			04	10.1	248	314.2	352.4	299.3	1	
		06	13.0	240	354.7	383.0	318.6			06	9.8	248	314.3	353.9	299.9	1	
		08	14.9	240	351.9	384.6	314.4			08	10.4	248	314.0	356.3	297.1	1	
		10	16.9	240	346.1	378.5	307.2			10	11.4	248	311.7	355.3	291.5	1	
		12	17.5	240	341.2	387.1	303.2			12	12.5	248	309.2	354.7	286.8	1	
		14	18.3	240	338.8	384.6	294.5			14	12.9	248	307.9	352.0	287.0	1	
		16	18.7	240	339.6	383.3	294.9			16	12.4	248	309.4	351.5	287.7	1	
		18	17.8	240	346.2	389.2	304.7			18	11.3	248	311.1	350.6	291.4	1	
		20	15.7	240	352.6	385.0	311.8			20	10.7	248	312.0	350.2	291.3	1	
		22	14.3	240	354.4	387.0	318.3			22	10.5	248	313.0	354.0	292.5	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13941	01	00	18.7	217	337.9	380.0	302.1		07	00	6.3	248	386.4	402.3	357.7	1	
		02	18.5	217	337.7	380.0	302.9			02	6.2	248	385.6	401.2	357.0	1	
		04	18.5	217	337.7	375.5	304.8			04	6.2	247	384.5	399.1	356.9	1	
		06	18.3	217	337.7	377.3	307.3			06	6.4	248	385.2	397.4	357.1	1	
		08	19.3	216	338.5	380.7	304.4			08	7.8	248	382.4	402.5	346.1	1	
		10	21.6	217	337.7	377.7	299.5			10	9.4	248	374.7	396.1	335.6	1	
		12	21.2	217	334.2	378.8	296.0			12	11.0	248	370.2	394.4	335.6	1	
		14	22.0	217	332.2	378.7	293.1			14	13.3	248	369.2	395.5	324.6	1	
		16	22.5	217	333.3	378.6	293.0			16	13.3	248	370.4	406.4	329.2	1	
		18	20.8	217	337.4	381.3	302.3			18	10.3	248	375.9	400.1	325.1	1	
		20	19.4	217	337.9	375.5	303.6			20	7.8	248	383.6	401.0	342.1	1	
		22	18.8	217	337.9	378.1	306.6			22	6.6	248	386.0	398.9	356.7	1	
13941	02	00	16.2	197	335.8	370.3	299.8		08	00	9.3	248	383.7	402.7	346.6	1	
		02	16.4	197	335.6	372.7	302.4			02	8.9	248	382.8	403.3	346.8	1	
		04	16.1	197	335.1	374.5	301.6			04	8.8	248	381.8	399.8	345.9	1	
		06	16.1	197	335.4	374.6	305.7			06	9.1	248	381.9	400.4	347.3	1	
		08	17.6	197	336.3	376.1	302.6			08	9.9	248	380.4	399.7	338.2	1	
		10	19.6	197	334.3	373.3	294.7			10	11.2	248	371.2	395.7	322.2	1	
		12	19.6	197	329.9	367.9	287.7			12	12.6	248	365.5	397.0	317.4	1	
		14	20.6	197	327.9	371.5	284.3			14	14.2	248	363.2	391.9	319.0	1	
		16	20.9	197	329.4	371.9	283.7			16	14.9	248	366.6	397.3	320.0	1	
		18	18.5	197	334.9	372.0	292.5			18	12.3	248	374.7	397.1	327.6	1	
		20	17.3	197	336.2	374.7	296.8			20	9.9	248	382.4	402.5	345.5	1	
		22	16.8	197	336.2	369.8	298.2			22	9.4	248	383.6	406.2	346.7	1	
13941	03	00	21.1	217	340.4	378.5	295.5		09	00	17.3	240	369.3	400.5	322.5	1	
		02	20.3	217	340.4	374.8	295.3			02	17.3	240	368.5	395.4	321.0	1	
		04	19.8	217	339.6	371.9	302.4			04	17.1	240	367.7	395.2	322.3	1	
		06	19.4	217	339.5	376.0	306.4			06	16.7	240	367.4	393.9	324.2	1	
		08	21.9	216	338.9	374.5	301.0			08	20.2	240	368.0	399.3	315.6	1	
		10	22.9	217	333.8	375.5	288.4			10	20.9	240	360.8	400.8	307.6	1	
		12	23.4	217	330.9	373.4	286.5			12	21.8	240	355.3	398.8	300.8	1	
		14	24.1	217	329.5	374.8	284.5			14	23.0	240	352.7	395.2	294.5	1	
		16	25.0	217	330.5	378.5	282.6			16	23.1	240	353.7	394.8	296.4	1	
		18	24.0	217	335.9	378.6	285.0			18	20.5	240	363.5	394.6	301.3	1	
		20	21.6	217	339.2	373.5	293.6			20	18.0	240	368.9	397.1	311.2	1	
		22	21.1	217	339.5	375.1	297.6			22	17.2	240	369.2	401.2	320.4	1	
13941	04	00	18.3	210	348.9	379.0	302.6		10	00	21.3	248	349.2	390.2	306.3	1	
		02	17.7	210	348.2	380.0	303.0			02	21.0	248	348.3	390.2	303.3	1	
		04	17.8	210	347.2	381.2	307.4			04	20.5	248	347.4	390.2	304.1	1	
		06	17.6	210	347.1	381.5	305.7			06	20.4	248	347.2	391.6	304.9	1	
		08	20.5	210	346.0	383.8	295.1			08	23.7	248	348.9	396.5	300.2	1	
		10	21.4	210	340.1	378.3	286.0			10	24.9	248	341.9	399.2	298.3	1	
		12	21.7	209	336.7	378.5	282.3			12	24.9	248	336.0	394.7	287.7	1	
		14	21.8	210	335.2	376.1	281.7			14	24.5	248	333.9	387.5	287.7	1	
		16	22.6	210	336.2	376.8	283.6			16	25.1	248	335.2	387.5	289.8	1	
		18	21.5	210	342.4	382.0	288.7			18	23.5	248	345.0	388.2	295.4	1	
		20	19.3	210	348.1	383.7	295.0			20	21.6	248	348.6	390.6	298.9	1	
		22	18.6	210	349.9	382.6	299.0			22	21.4	247	348.9	389.0	301.1	1	
13941	05	00	14.8	217	365.9	402.1	321.6		11	00	19.2	240	334.7	381.2	301.2	1	
		02	14.4	217	364.7	390.3	321.6			02	18.6	240	334.1	381.0	302.6	1	
		04	14.3	217	363.6	388.7	326.9			04	18.9	240	333.3	382.3	305.0	1	
		06	14.9	217	364.1	396.5	323.1			06	18.6	240	333.2	382.5	306.4	1	
		08	17.6	217	361.0	386.7	308.6			08	21.4	240	333.9	385.1	299.3	1	
		10	18.5	217	352.7	384.8	300.2			10	22.7	240	329.2	382.8	294.3	1	
		12	19.7	217	349.4	387.3	298.3			12	22.6	240	325.4	377.4	286.9	1	
		14	20.6	217	348.0	385.2	292.5			14	23.6	240	323.9	378.3	282.3	1	
		16	21.0	217	348.9	393.8	293.5			16	23.9	240	326.2	380.8	282.7	1	
		18	19.4	217	355.6	388.5	302.1			18	21.4	240	332.9	382.7	290.1	1	
		20	16.1	217	364.4	391.1	319.1			20	20.0	240	334.5	381.2	297.1	1	
		22	15.4	217	365.9	395.2	319.6			22	19.3	240	334.6	381.8	299.0	1	
13941	06	00	11.2	210	378.8	397.8	334.8		12	00	18.3	248	333.4	379.6	303.4	1	
		02	10.6	210	378.5	395.6	335.2			02	17.9	248	332.9	378.2	302.0	1	
		04	10.6	210	377.8	395.0	335.5			04	17.6	247	332.3	377.1	303.0	1	
		06	11.4	210	379.0	397.7	332.4			06	17.4	248	332.2	377.5	305.5	1	
		08	12.4	210	374.2	393.8	321.4			08	18.1	248	332.4	376.2	300.0	1	
		10	13.1	210	364.9	387.3	315.2			10	21.0	248	331.5	381.3	293.7	1	
		12	13.8	210	360.5	389.3	314.8			12	21.9	248	328.5	379.9	289.2	1	
		14	14.2	210	358.6	387.7	312.4			14	23.2	248	327.1	379.8	283.4	1	
		16	15.4	210	361.2	396.5	308.7			16	23.0	248	328.8	384.5	286.6	1	
		18	13.9	210	367.5	393.7	318.4			18	20.3	248	332.6	381.2	294.4	1	
		20	12.9	210	376.5	396.8	329.8			20	18.9	248	333.6	380.8	299.4	1	
		22	11.4	210	378.7	396.6	332.3			22	18.6	248	333.9	380.8	302.4	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13963	01	00	12.9	248	317.9	354.8	296.8		07	00	12.1	279	369.3	392.0	330.4	1	
		02	12.9	248	318.5	357.9	298.0			02	11.5	279	369.5	391.0	326.5	1	
		04	12.8	248	318.9	357.7	299.8			04	11.0	279	369.1	390.7	333.8	1	
		06	12.8	248	319.1	357.9	301.4			06	11.3	279	369.2	388.2	331.4	1	
		08	12.8	248	319.4	358.3	299.6			08	12.6	279	367.1	391.6	316.9	1	
		10	14.1	249	318.4	356.7	293.3			10	13.8	278	362.3	392.8	314.7	1	
		12	14.8	248	316.2	355.4	289.8			12	15.0	279	358.0	387.5	315.6	1	
		14	15.8	248	315.1	356.2	286.4			14	16.1	279	355.1	389.7	313.3	1	
		16	15.8	248	314.8	359.4	287.9			16	16.0	279	355.7	387.6	310.9	1	
		18	14.6	248	316.7	356.6	292.2			18	15.5	278	360.7	389.9	314.3	1	
		20	13.8	248	317.6	358.7	294.2			20	13.4	279	367.6	391.7	324.5	1	
		22	13.1	248	317.9	360.3	296.8			22	12.8	279	368.7	394.0	325.3	1	
13963	02	00	10.8	226	317.7	350.4	296.2		08	00	14.6	279	365.3	399.0	324.8	1	
		02	10.2	225	317.8	352.3	295.1			02	14.1	279	364.7	391.4	321.4	1	
		04	9.9	226	318.2	346.6	299.1			04	13.8	279	363.9	392.1	323.9	1	
		06	9.8	226	318.5	347.6	297.0			06	13.8	279	364.0	391.0	323.0	1	
		08	10.9	226	318.6	351.9	295.0			08	14.6	279	362.3	393.5	317.7	1	
		10	12.9	225	317.0	356.4	287.8			10	15.8	279	357.1	398.1	315.6	1	
		12	14.1	226	314.3	355.4	284.7			12	17.1	279	352.2	382.5	302.8	1	
		14	14.9	226	312.7	351.7	281.2			14	18.6	279	349.3	386.4	302.0	1	
		16	15.3	226	312.6	351.8	282.6			16	19.7	279	349.6	394.5	301.0	1	
		18	13.9	226	314.7	352.1	289.2			18	18.8	279	355.4	399.7	308.4	1	
		20	12.5	226	316.7	350.5	293.4			20	16.5	279	362.8	396.4	317.0	1	
		22	11.7	226	317.1	354.0	293.9			22	15.4	278	364.4	396.2	321.2	1	
13963	03	00	13.5	248	316.8	354.6	274.4		09	00	17.0	240	347.0	381.1	308.2	1	
		02	13.4	247	318.2	355.1	282.8			02	16.4	240	346.8	379.4	307.7	1	
		04	12.5	248	318.6	357.2	290.5			04	16.3	240	346.0	379.5	312.5	1	
		06	12.7	248	319.3	355.3	290.3			06	16.4	240	346.2	382.2	309.4	1	
		08	14.4	248	318.2	360.3	293.4			08	18.3	240	344.2	380.2	307.1	1	
		10	15.9	248	316.1	355.7	288.0			10	20.7	239	340.8	380.1	299.6	1	
		12	17.1	248	313.6	361.2	278.2			12	22.3	240	335.9	382.0	290.0	1	
		14	17.0	248	311.4	359.9	283.1			14	23.0	240	333.3	379.7	282.5	1	
		16	17.0	248	310.3	363.0	283.3			16	24.0	240	333.5	383.3	282.6	1	
		18	16.4	248	312.5	363.0	283.1			18	21.9	240	340.0	387.4	284.8	1	
		20	15.0	248	315.6	358.8	280.0			20	19.4	240	345.4	386.5	297.0	1	
		22	14.4	248	316.8	358.4	277.3			22	18.1	240	346.6	382.9	298.9	1	
13963	04	00	15.7	240	325.7	363.8	293.8		10	00	18.4	248	333.1	375.2	288.6	1	
		02	15.4	240	326.2	363.3	298.3			02	17.5	248	332.5	375.2	293.3	1	
		04	14.9	240	326.9	363.2	300.6			04	17.3	248	332.2	375.2	297.1	1	
		06	15.3	240	327.0	365.5	304.0			06	17.3	248	332.2	377.7	297.4	1	
		08	17.4	240	324.9	366.8	289.8			08	18.9	248	331.4	374.7	297.9	1	
		10	18.6	240	321.9	363.6	288.6			10	21.5	248	327.7	380.0	291.2	1	
		12	19.0	240	319.3	363.6	285.5			12	22.2	248	323.1	382.8	279.3	1	
		14	18.9	240	317.7	364.0	281.6			14	22.4	248	320.6	393.2	282.0	1	
		16	19.8	240	317.5	364.1	283.1			16	22.3	248	321.6	375.3	286.7	1	
		18	19.4	240	320.7	368.0	286.1			18	21.1	248	328.1	377.6	292.3	1	
		20	17.6	240	324.6	369.0	289.9			20	19.3	248	331.9	377.8	295.7	1	
		22	16.3	240	325.6	364.0	291.6			22	18.6	248	332.7	377.5	297.7	1	
13963	05	00	14.4	247	344.8	380.8	306.4		11	00	13.2	240	318.2	356.2	294.6	1	
		02	13.8	248	344.9	378.1	307.7			02	12.7	240	318.6	358.8	297.8	1	
		04	13.6	248	344.7	375.8	310.4			04	12.4	240	318.8	364.6	297.2	1	
		06	13.9	248	345.0	375.1	311.2			06	12.5	240	319.0	364.4	297.3	1	
		08	16.3	248	343.0	381.6	303.6			08	13.8	240	318.5	365.7	299.2	1	
		10	18.2	248	339.2	385.9	295.1			10	15.4	240	316.0	365.7	290.4	1	
		12	18.9	248	335.3	375.2	292.4			12	16.1	240	312.1	358.7	283.1	1	
		14	19.3	248	332.6	372.1	291.4			14	16.1	240	310.3	355.7	286.2	1	
		16	19.3	248	333.1	380.3	290.2			16	16.1	240	310.9	366.5	286.9	1	
		18	18.7	248	337.5	381.0	293.2			18	15.4	240	314.0	364.6	290.5	1	
		20	16.6	248	343.0	376.1	300.8			20	14.2	240	316.4	360.7	292.7	1	
		22	15.3	248	344.8	378.1	305.2			22	13.5	240	317.2	357.0	294.1	1	
13963	06	00	13.6	240	362.1	386.5	319.7		12	00	11.0	248	316.1	362.5	297.6	1	
		02	13.5	240	361.8	388.8	322.9			02	11.2	248	316.1	365.1	300.0	1	
		04	13.7	239	361.1	390.2	318.5			04	10.9	247	316.3	363.0	301.5	1	
		06	13.9	240	361.8	388.2	317.9			06	10.8	248	316.7	362.1	302.5	1	
		08	14.8	240	358.0	386.8	314.6			08	11.0	248	316.7	361.0	302.9	1	
		10	15.5	239	353.1	384.3	309.3			10	12.6	248	314.9	361.7	291.0	1	
		12	16.0	240	348.1	384.1	305.8			12	13.5	248	312.8	360.4	289.8	1	
		14	17.0	240	346.6	395.2	299.8			14	13.7	248	311.7	364.5	287.7	1	
		16	17.3	240	347.9	395.5	294.9			16	13.5	248	312.2	364.1	289.4	1	
		18	16.1	240	352.6	385.6	299.5			18	12.6	248	313.9	361.7	293.1	1	
		20	14.1	240	360.6	391.0	315.2			20	11.6	248	315.2	363.3	297.6	1	
		22	13.5	240	361.9	390.6	319.3			22	11.2	248	315.8	360.1	296.1	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13967	01	00	9.5	217	301.8	338.1	279.2		07	00	12.8	248	351.4	375.0	318.6	1	
		02	9.7	217	302.3	338.3	283.3			02	11.9	248	351.6	374.4	318.7	1	
		04	9.3	217	302.3	338.7	283.4			04	11.2	248	352.2	377.7	316.7	1	
		06	8.8	217	302.5	335.8	287.2			06	10.9	248	353.2	375.5	316.0	1	
		08	8.5	217	302.7	335.5	284.5			08	12.2	248	351.3	375.6	300.6	1	
		10	9.2	217	301.0	342.5	282.2			10	13.7	248	346.6	373.7	296.1	1	
		12	10.1	217	298.0	340.0	277.0			12	15.1	248	342.3	378.2	292.7	1	
		14	11.0	217	295.4	337.0	272.2			14	16.8	248	338.8	383.2	284.6	1	
		16	11.2	217	295.5	338.0	275.2			16	16.9	248	337.4	373.0	288.4	1	
		18	10.3	217	298.5	339.1	279.5			18	16.7	248	338.9	372.7	290.2	1	
		20	10.1	217	300.6	338.3	279.5			20	15.2	248	347.4	377.6	305.2	1	
		22	10.2	217	301.6	338.7	279.3			22	13.9	247	350.7	379.0	309.1	1	
13967	02	00	9.4	197	301.8	334.5	273.0		08	00	15.4	248	345.9	382.7	304.6	1	
		02	9.6	197	302.2	334.8	268.1			02	15.0	248	346.4	378.7	300.8	1	
		04	9.0	197	302.7	335.1	281.2			04	14.3	248	346.6	374.9	297.5	1	
		06	8.4	197	302.9	334.7	282.3			06	13.7	248	347.0	373.7	300.2	1	
		08	8.2	197	303.2	336.1	285.1			08	14.0	248	345.6	375.1	295.2	1	
		10	9.9	197	300.4	334.5	277.4			10	15.0	248	339.9	372.7	292.9	1	
		12	11.1	197	297.4	333.5	272.4			12	17.1	248	334.9	369.9	291.8	1	
		14	11.7	197	294.5	332.6	273.1			14	17.9	248	329.6	370.3	280.4	1	
		16	12.4	197	293.8	331.0	268.3			16	18.5	248	328.1	368.7	282.1	1	
		18	11.2	197	297.1	331.2	273.4			18	18.4	248	331.3	375.4	286.7	1	
		20	10.3	197	300.0	334.7	277.8			20	16.9	248	341.7	379.8	298.1	1	
		22	9.8	197	301.1	338.2	276.0			22	16.1	248	344.3	380.9	300.2	1	
13967	03	00	12.1	217	301.3	337.1	270.5		09	00	18.3	240	327.4	366.4	284.3	1	
		02	11.8	217	302.0	342.0	276.2			02	17.6	240	328.3	366.3	285.9	1	
		04	11.6	217	302.4	339.4	272.5			04	16.9	240	329.0	360.5	284.9	1	
		06	10.8	217	302.6	344.3	274.6			06	16.9	240	329.3	366.6	287.7	1	
		08	11.7	217	301.8	347.2	269.0			08	17.9	240	328.4	365.1	286.7	1	
		10	13.3	217	298.5	348.5	265.3			10	19.7	240	323.8	365.5	279.2	1	
		12	14.4	217	295.7	345.2	264.8			12	20.6	240	319.4	370.3	271.4	1	
		14	14.4	217	293.1	334.2	259.1			14	20.8	240	315.1	360.5	265.9	1	
		16	15.0	217	291.8	333.3	256.0			16	21.1	240	314.0	359.9	269.5	1	
		18	14.8	217	295.0	337.5	258.5			18	21.5	240	317.8	362.8	270.6	1	
		20	13.5	217	299.3	339.2	264.1			20	20.1	240	323.5	368.3	275.9	1	
		22	12.3	217	300.3	334.7	264.5			22	19.2	240	325.9	366.9	280.9	1	
13967	04	00	16.3	210	310.3	346.8	274.0		10	00	18.6	248	315.3	369.6	280.6	1	
		02	15.8	210	311.0	344.7	279.8			02	18.2	248	315.5	367.3	279.1	1	
		04	15.9	210	311.7	346.7	279.7			04	17.9	248	316.1	368.5	281.3	1	
		06	15.8	210	312.1	350.4	279.9			06	17.6	248	316.4	367.4	282.7	1	
		08	17.1	210	310.7	352.2	275.1			08	18.2	248	315.6	366.5	280.9	1	
		10	19.0	210	306.9	350.6	262.6			10	19.4	248	311.8	363.4	278.5	1	
		12	19.3	210	304.2	345.6	260.6			12	19.9	248	308.2	362.9	273.9	1	
		14	19.4	210	301.9	346.0	260.5			14	20.0	248	304.7	365.8	272.4	1	
		16	19.6	210	302.1	346.4	258.4			16	20.4	248	304.8	360.4	270.0	1	
		18	18.6	210	303.9	343.2	261.7			18	19.4	248	309.7	360.2	273.9	1	
		20	17.7	210	309.0	357.4	265.8			20	18.9	248	313.5	363.2	279.0	1	
		22	17.3	210	310.7	348.4	270.6			22	18.7	248	314.5	366.1	280.9	1	
13967	05	00	15.7	217	329.6	370.7	281.7		11	00	11.4	240	302.5	343.6	279.5	1	
		02	15.3	217	329.5	369.6	287.0			02	11.1	239	302.6	345.9	282.0	1	
		04	15.5	217	329.2	367.1	270.8			04	11.1	240	303.1	347.0	283.8	1	
		06	15.4	217	329.5	369.1	273.5			06	10.9	240	303.4	345.8	284.1	1	
		08	16.2	217	328.2	367.5	289.5			08	11.0	240	303.0	346.0	283.1	1	
		10	17.0	217	324.8	361.6	279.0			10	11.9	240	298.8	341.5	280.5	1	
		12	18.3	217	322.4	364.2	275.5			12	12.2	240	295.1	335.4	274.5	1	
		14	18.4	217	320.0	368.2	266.2			14	12.7	240	292.2	339.9	268.5	1	
		16	18.5	217	320.0	361.8	271.7			16	12.6	240	293.1	336.8	269.7	1	
		18	18.9	217	323.3	362.2	280.3			18	11.6	240	297.3	336.9	273.0	1	
		20	16.4	217	329.8	368.1	289.9			20	11.7	240	300.2	344.4	278.3	1	
		22	16.0	217	331.0	370.0	290.8			22	11.2	240	301.5	340.7	278.4	1	
13967	06	00	13.6	210	345.4	373.4	296.1		12	00	9.3	248	299.9	348.6	282.7	1	
		02	12.8	210	345.0	374.0	302.7			02	9.3	248	300.1	348.2	272.9	1	
		04	12.1	210	345.8	371.6	304.8			04	9.1	248	300.5	347.9	277.0	1	
		06	12.6	210	346.5	371.1	300.1			06	8.6	248	300.7	347.8	280.9	1	
		08	13.2	210	344.6	374.9	300.0			08	8.5	248	301.1	349.6	282.5	1	
		10	15.2	210	340.6	374.7	291.7			10	9.9	248	298.5	352.0	275.1	1	
		12	15.9	210	337.3	376.1	290.6			12	10.5	248	294.8	344.5	273.2	1	
		14	16.3	210	333.8	368.7	281.3			14	11.2	248	292.3	347.5	269.6	1	
		16	16.5	210	332.9	372.7	287.5			16	11.0	248	292.8	348.7	269.6	1	
		18	15.6	210	335.6	376.4	288.7			18	10.0	248	295.9	350.6	273.5	1	
		20	14.1	209	343.0	374.2	298.8			20	9.8	248	297.8	351.7	270.7	1	
		22	13.6	210	344.9	375.2	295.0			22	9.4	248	298.8	348.7	277.9	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13983	01	00	7.2	248	306.0	334.1	289.3		07	00	16.4	279	353.0	388.5	299.9	1	
		02	7.0	248	306.5	338.3	288.6			02	15.4	279	352.6	385.2	306.2	1	
		04	6.7	248	306.8	340.5	289.6			04	14.9	279	352.6	381.4	306.3	1	
		06	6.6	247	307.1	338.7	288.3			06	14.8	279	353.6	381.6	304.8	1	
		08	6.7	248	307.3	338.0	292.3			08	16.5	279	351.8	381.9	299.8	1	
		10	7.5	248	305.7	338.1	288.9			10	19.1	279	347.2	384.3	293.3	1	
		12	8.4	248	303.9	338.9	285.8			12	20.0	279	343.4	378.3	290.2	1	
		14	9.1	248	302.3	343.0	282.7			14	21.8	277	341.3	379.9	283.4	1	
		16	8.7	248	303.0	342.3	283.2			16	22.6	279	341.7	383.4	283.1	1	
		18	7.9	248	304.3	342.5	286.0			18	21.6	279	345.8	381.8	285.5	1	
		20	7.5	248	305.3	339.5	287.3			20	18.9	279	352.2	394.0	295.2	1	
		22	7.3	248	305.7	337.5	288.7			22	17.3	279	352.8	387.8	303.1	1	
13983	02	00	6.3	226	305.6	329.6	288.0		08	00	14.9	278	349.1	380.2	307.9	1	
		02	6.1	226	306.2	326.5	291.2			02	14.0	279	348.7	377.3	314.7	1	
		04	6.0	226	306.5	327.1	289.2			04	13.1	279	347.8	376.4	317.9	1	
		06	5.8	226	306.8	327.1	293.2			06	13.1	279	348.0	378.5	317.9	1	
		08	6.1	226	306.6	330.1	290.8			08	14.4	279	348.7	384.4	317.1	1	
		10	7.3	226	304.8	330.5	286.6			10	17.1	279	344.3	383.9	296.7	1	
		12	8.2	226	303.1	330.2	282.1			12	18.5	279	340.7	385.8	295.3	1	
		14	9.2	226	300.8	331.4	276.9			14	19.8	279	337.4	380.8	286.9	1	
		16	9.1	226	300.9	330.3	282.2			16	20.1	279	337.5	382.3	288.0	1	
		18	7.8	226	303.0	334.5	285.6			18	19.1	279	344.1	384.8	294.2	1	
		20	7.0	226	304.2	335.8	289.0			20	16.8	279	348.2	382.1	302.9	1	
		22	6.5	226	305.0	332.1	288.6			22	15.6	279	349.1	381.5	306.2	1	
13983	03	00	7.9	248	305.2	340.9	278.1		09	00	16.0	240	329.8	367.8	294.8	1	
		02	7.1	248	306.1	332.8	287.2			02	15.5	240	330.0	364.9	291.7	1	
		04	7.0	248	306.5	332.9	289.6			04	14.9	240	330.1	364.4	295.0	1	
		06	6.9	248	306.9	332.2	286.5			06	14.7	240	330.6	365.9	295.0	1	
		08	7.7	248	306.0	332.8	290.2			08	15.5	240	330.6	364.3	297.1	1	
		10	8.5	247	303.7	336.4	284.5			10	17.9	240	326.9	363.9	288.8	1	
		12	9.1	248	301.5	338.2	283.0			12	19.6	240	322.7	361.9	274.0	1	
		14	10.4	248	299.7	345.6	279.1			14	20.5	240	319.5	363.7	262.1	1	
		16	10.6	248	299.1	333.7	265.5			16	21.2	240	320.3	364.8	266.9	1	
		18	9.8	248	301.2	334.1	268.8			18	19.2	240	326.7	369.0	279.2	1	
		20	8.2	248	303.3	335.5	276.9			20	17.8	240	328.8	369.6	287.3	1	
		22	8.1	248	304.6	338.9	272.9			22	16.7	240	329.0	370.9	289.6	1	
13983	04	00	12.3	240	310.0	343.0	285.1		10	00	16.4	248	317.2	366.0	284.3	1	
		02	11.5	240	311.4	342.9	288.5			02	15.8	248	318.2	365.8	288.0	1	
		04	11.0	240	311.7	345.0	291.2			04	15.4	248	318.9	364.2	287.2	1	
		06	11.4	240	312.6	342.5	291.7			06	14.8	248	319.2	365.2	288.3	1	
		08	13.1	240	310.5	345.9	288.5			08	16.0	248	318.4	363.5	285.7	1	
		10	14.7	239	307.1	349.5	277.8			10	18.0	248	315.2	364.7	276.5	1	
		12	15.8	240	305.1	351.8	274.5			12	19.4	248	311.8	364.6	274.3	1	
		14	15.4	240	302.5	352.4	271.7			14	20.1	248	308.9	374.1	271.2	1	
		16	15.7	240	302.3	353.2	274.5			16	19.7	248	309.3	370.8	273.6	1	
		18	14.7	240	304.3	351.3	278.4			18	17.9	248	313.6	368.1	276.9	1	
		20	13.4	240	307.8	348.0	278.8			20	17.0	248	315.2	367.2	278.1	1	
		22	12.7	240	309.7	345.1	283.3			22	16.3	248	316.3	364.0	282.2	1	
13983	05	00	14.4	248	326.1	361.1	298.4		11	00	9.0	240	306.3	335.8	283.1	1	
		02	13.9	246	326.7	364.0	301.8			02	8.8	240	307.2	337.8	285.4	1	
		04	13.6	248	327.1	364.1	300.8			04	8.6	240	307.5	339.4	285.4	1	
		06	14.0	248	327.6	365.7	300.9			06	8.4	240	307.8	337.9	287.6	1	
		08	15.3	248	326.1	370.3	293.4			08	9.0	240	307.5	338.3	286.1	1	
		10	17.1	248	323.2	368.6	288.3			10	9.7	240	304.6	338.5	281.7	1	
		12	18.1	248	320.6	365.6	283.6			12	10.1	240	301.5	339.0	276.7	1	
		14	18.2	248	318.4	360.3	280.7			14	10.7	240	299.2	342.6	271.0	1	
		16	18.5	248	318.6	367.2	280.8			16	10.6	240	300.2	342.1	270.2	1	
		18	18.1	248	321.0	366.8	285.6			18	9.8	240	302.8	343.7	276.2	1	
		20	16.2	248	325.0	368.6	293.2			20	9.3	240	304.5	343.2	280.9	1	
		22	15.0	248	325.9	363.6	299.6			22	9.2	240	305.3	338.7	281.9	1	
13983	06	00	14.7	240	345.7	379.8	307.2		12	00	6.3	248	305.5	344.6	289.6	1	
		02	13.7	240	345.2	381.8	311.5			02	6.3	248	306.1	343.6	293.0	1	
		04	13.6	240	345.0	378.7	312.1			04	6.4	248	306.5	343.5	293.0	1	
		06	13.8	240	345.5	378.6	310.8			06	6.6	248	306.7	345.1	294.9	1	
		08	14.5	240	345.0	376.9	303.7			08	6.8	248	306.5	343.4	282.6	1	
		10	16.2	240	341.9	371.9	302.8			10	7.5	248	304.8	344.0	291.6	1	
		12	17.4	240	339.8	377.7	293.2			12	8.0	248	302.6	341.2	285.3	1	
		14	18.1	240	337.3	381.3	293.2			14	8.6	248	300.9	341.3	277.9	1	
		16	18.0	240	337.0	376.3	288.3			16	8.5	248	302.1	346.7	274.0	1	
		18	17.8	240	340.5	378.4	297.7			18	7.4	248	303.4	342.1	274.7	1	
		20	15.9	240	345.9	384.2	306.3			20	7.1	248	304.3	342.9	278.6	1	
		22	14.9	240	346.5	383.2	308.4			22	6.8	248	305.1	343.8	285.5	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
13985	01	00	5.7	247	284.3	317.0	263.0		07	00	15.6	248	323.6	354.8	276.4	1	
		02	5.0	248	284.7	301.9	266.2			02	14.6	248	324.3	349.1	276.3	1	
		04	4.6	248	285.0	298.3	267.1			04	14.1	248	324.8	350.4	275.4	1	
		06	4.3	247	285.0	298.5	264.6			06	13.6	248	325.7	351.5	279.2	1	
		08	4.3	248	285.2	297.2	267.2			08	13.3	248	324.0	354.2	277.3	1	
		10	6.2	248	283.2	310.1	254.4			10	15.0	248	319.3	350.5	273.2	1	
		12	8.0	244	279.9	313.1	247.4			12	16.0	248	314.6	347.0	272.1	1	
		14	9.0	248	277.8	306.5	245.3			14	17.4	247	310.3	345.3	265.6	1	
		16	8.9	248	277.8	303.9	247.4			16	17.8	248	308.7	347.7	267.3	1	
		18	7.5	247	280.8	313.9	253.4			18	17.7	248	309.7	346.9	265.1	1	
		20	6.7	248	282.7	317.4	260.8			20	17.4	248	317.7	351.4	269.3	1	
		22	5.9	248	283.8	315.8	261.7			22	16.5	247	322.6	357.1	275.5	1	
13985	02	00	6.6	220	285.4	312.2	264.6		08	00	14.9	248	321.3	353.0	287.3	1	
		02	6.4	225	285.7	314.5	266.9			02	13.3	248	322.5	356.6	290.1	1	
		04	5.9	226	285.9	313.6	270.7			04	12.6	248	323.6	356.9	286.9	1	
		06	5.2	226	286.1	311.8	273.5			06	12.4	248	323.8	359.3	287.9	1	
		08	5.2	226	286.0	304.3	274.3			08	12.7	248	323.4	359.3	288.7	1	
		10	7.1	225	283.6	307.5	265.9			10	14.2	248	318.1	356.8	277.5	1	
		12	8.7	226	280.6	304.2	259.7			12	15.4	248	313.2	351.3	273.7	1	
		14	10.1	226	278.2	304.1	252.6			14	16.9	248	309.4	350.1	263.0	1	
		16	10.6	226	277.5	309.0	249.3			16	17.7	248	307.3	353.0	263.0	1	
		18	9.4	225	280.4	313.2	251.7			18	18.2	248	309.4	355.6	263.9	1	
		20	7.9	225	283.0	313.7	260.4			20	17.1	248	316.3	352.7	268.4	1	
		22	6.8	226	284.5	316.1	263.0			22	15.8	248	319.6	352.7	280.7	1	
13985	03	00	9.5	248	283.1	310.5	251.9		09	00	17.1	240	303.4	338.3	258.0	1	
		02	8.3	248	283.8	305.2	260.0			02	16.6	240	304.5	339.9	263.1	1	
		04	8.0	248	284.0	304.8	256.8			04	15.7	240	305.0	338.6	269.0	1	
		06	7.5	247	284.4	304.6	255.7			06	15.4	240	305.6	336.9	273.5	1	
		08	8.0	248	283.6	304.7	257.1			08	16.1	240	305.2	339.8	267.0	1	
		10	10.4	248	279.9	307.2	251.8			10	17.3	240	300.4	342.7	256.0	1	
		12	11.9	248	276.2	308.8	243.9			12	17.9	240	296.2	343.1	248.8	1	
		14	12.7	248	273.2	305.2	239.4			14	18.0	240	292.7	340.9	248.2	1	
		16	13.4	247	272.5	304.8	237.1			16	18.4	240	291.0	337.5	245.6	1	
		18	12.8	247	275.1	305.2	242.0			18	18.1	240	294.0	337.2	247.4	1	
		20	11.2	248	279.7	305.0	243.6			20	17.9	240	299.1	350.2	250.9	1	
		22	10.4	248	282.1	307.7	248.3			22	17.3	240	301.3	338.9	250.0	1	
13985	04	00	12.6	240	288.3	321.6	252.1		10	00	14.6	248	293.1	340.2	263.9	1	
		02	11.8	240	289.6	321.7	254.3			02	14.5	248	293.9	340.8	265.0	1	
		04	11.0	239	289.9	320.7	257.2			04	14.0	248	294.4	343.5	270.0	1	
		06	11.1	240	290.3	320.3	258.9			06	13.7	248	294.5	340.0	269.6	1	
		08	12.3	240	288.8	320.2	258.1			08	14.1	248	293.3	341.9	270.2	1	
		10	13.9	240	284.4	318.3	244.3			10	15.2	248	289.4	336.1	254.1	1	
		12	14.5	240	280.7	322.8	239.0			12	16.1	248	285.5	340.5	247.9	1	
		14	15.3	239	277.5	324.3	240.5			14	16.4	248	282.3	335.6	249.4	1	
		16	15.6	240	276.7	325.7	241.4			16	18.2	144	283.4	333.1	246.4	1	
		18	15.2	240	278.4	322.0	243.3			18	15.5	244	286.5	334.5	257.8	1	
		20	13.8	240	284.2	318.1	250.7			20	15.1	248	289.7	338.6	263.3	1	
		22	12.8	240	287.3	320.6	251.2			22	14.4	248	291.6	339.7	261.0	1	
13985	05	00	14.3	248	304.3	342.1	259.3		11	00	7.7	239	285.3	316.7	264.2	1	
		02	13.1	248	304.4	337.9	261.9			02	7.5	240	285.7	312.7	264.9	1	
		04	11.2	248	304.9	338.8	263.6			04	6.8	240	285.9	310.2	268.6	1	
		06	12.9	248	304.9	337.2	267.3			06	6.7	239	286.1	309.7	271.9	1	
		08	14.4	248	303.3	339.8	263.2			08	7.0	239	286.2	312.4	265.9	1	
		10	16.0	248	299.6	340.3	252.8			10	8.1	240	283.4	319.1	261.6	1	
		12	17.4	248	296.5	340.2	248.2			12	9.3	240	280.0	320.4	256.9	1	
		14	18.4	248	293.7	342.8	247.5			14	9.9	240	278.1	317.9	252.5	1	
		16	19.1	248	293.1	334.8	245.3			16	9.7	240	278.6	317.2	257.2	1	
		18	18.6	248	295.9	333.6	241.6			18	8.9	240	282.3	317.2	258.7	1	
		20	15.9	248	302.4	344.1	245.2			20	8.1	240	283.9	313.0	265.2	1	
		22	14.3	247	304.4	340.7	259.6			22	7.8	239	284.9	310.9	264.6	1	
13985	06	00	14.9	240	314.0	351.6	275.1		12	00	5.5	248	284.1	306.7	265.3	1	
		02	13.5	240	315.5	350.3	277.2			02	5.5	248	284.6	305.8	260.9	1	
		04	13.1	240	316.1	346.6	261.8			04	5.2	248	284.8	307.0	267.6	1	
		06	12.3	239	316.8	345.9	268.1			06	4.9	248	284.9	307.4	267.8	1	
		08	13.3	240	314.0	343.7	278.1			08	4.8	248	285.1	305.5	267.4	1	
		10	15.2	240	309.1	342.5	265.1			10	5.9	248	282.9	306.6	264.7	1	
		12	16.8	240	303.0	334.6	258.0			12	7.1	248	280.0	304.7	257.6	1	
		14	18.7	240	299.7	342.1	253.5			14	7.9	248	278.3	302.6	252.0	1	
		16	19.2	240	298.4	342.9	256.2			16	7.8	248	278.5	302.8	257.4	1	
		18	19.0	240	301.2	345.0	253.1			18	6.5	248	281.2	305.5	262.9	1	
		20	18.0	240	308.0	351.6	254.0			20	5.9	248	282.7	306.5	265.7	1	
		22	16.9	240	311.9	346.5	270.6			22	5.5	248	283.5	307.8	266.4	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14607	01	00	4.9	248	307.0	329.0	296.5		07	00	11.6	279	333.3	369.4	307.5	1	
		02	5.1	248	307.2	329.5	295.7			02	11.0	279	332.7	367.2	309.8	1	
		04	5.3	247	307.4	330.6	293.3			04	10.8	279	332.4	364.6	310.7	1	
		06	5.6	247	307.6	334.0	293.8			06	11.3	279	333.9	372.4	307.0	1	
		08	5.3	248	307.6	332.8	295.4			08	13.3	279	333.0	373.3	302.1	1	
		10	4.6	248	306.4	326.5	295.1			10	15.2	279	329.7	364.6	299.3	1	
		12	4.0	248	305.1	321.0	296.4			12	16.1	279	326.9	365.9	297.4	1	
		14	4.1	248	304.8	319.5	294.7			14	16.5	279	325.3	368.7	297.2	1	
		16	4.1	248	305.5	319.4	289.8			16	16.4	279	326.8	371.3	294.6	1	
		18	4.5	248	306.3	321.7	293.3			18	15.0	279	330.6	374.1	296.7	1	
		20	4.6	248	306.7	324.9	295.1			20	13.1	279	332.3	371.6	305.7	1	
		22	4.8	248	307.0	326.2	296.0			22	12.1	279	332.6	367.5	308.2	1	
14607	02	00	5.0	225	306.3	324.0	292.4		08	00	10.6	279	331.0	365.7	306.6	1	
		02	5.2	226	306.7	325.7	290.8			02	10.3	279	330.6	363.8	307.9	1	
		04	5.4	226	306.9	327.1	289.3			04	10.4	279	330.2	363.7	307.5	1	
		06	5.4	224	307.1	327.4	291.7			06	10.6	278	332.1	367.7	303.8	1	
		08	5.5	225	306.6	326.9	293.2			08	12.2	279	331.4	370.0	305.5	1	
		10	4.8	226	304.7	321.5	292.8			10	14.0	279	327.5	369.1	299.1	1	
		12	4.7	225	303.4	317.9	292.7			12	14.8	279	324.8	368.9	295.3	1	
		14	4.6	226	303.0	316.0	291.8			14	15.4	278	323.3	374.0	291.2	1	
		16	4.3	226	303.5	315.1	291.7			16	15.6	278	324.6	367.7	293.4	1	
		18	4.4	226	304.8	317.4	293.6			18	13.5	279	329.2	368.2	301.3	1	
		20	4.4	226	305.4	319.5	293.6			20	12.1	279	331.5	366.3	308.3	1	
		22	4.7	225	305.9	321.3	292.8			22	11.1	277	331.5	364.9	309.0	1	
14607	03	00	4.0	248	304.0	316.3	294.9		09	00	10.1	240	322.7	359.6	303.5	1	
		02	4.1	248	304.5	316.5	295.3			02	10.0	239	322.6	357.3	302.7	1	
		04	4.1	248	304.9	317.9	294.5			04	9.9	240	322.3	357.1	301.9	1	
		06	4.2	248	305.1	318.5	294.5			06	9.9	240	322.7	355.0	302.7	1	
		08	4.4	248	303.9	317.5	294.8			08	11.5	240	322.1	357.8	297.5	1	
		10	4.6	248	302.0	316.1	288.7			10	12.8	240	319.2	360.1	296.2	1	
		12	5.0	248	301.0	317.0	287.6			12	13.7	240	316.8	362.2	292.8	1	
		14	5.2	248	300.5	318.9	287.0			14	14.2	240	315.5	360.0	288.2	1	
		16	5.1	248	300.8	317.1	288.3			16	14.1	240	316.9	357.8	289.8	1	
		18	4.6	248	302.3	316.6	293.0			18	12.3	240	321.0	358.0	294.9	1	
		20	4.2	248	303.3	316.9	294.4			20	10.8	240	322.3	353.7	300.7	1	
		22	4.0	248	303.6	314.8	295.1			22	10.2	240	322.3	354.1	302.8	1	
14607	04	00	5.0	240	306.4	327.8	294.3		10	00	8.3	248	313.4	343.1	297.9	1	
		02	4.6	240	306.6	326.2	293.7			02	8.1	247	313.4	344.2	299.7	1	
		04	4.4	240	306.7	322.8	297.1			04	8.0	248	313.4	346.9	297.5	1	
		06	4.8	240	306.6	323.5	293.6			06	8.1	248	313.6	347.8	298.0	1	
		08	5.8	240	305.3	324.6	292.9			08	8.9	248	313.0	347.4	298.1	1	
		10	6.9	239	303.0	323.2	283.5			10	9.9	248	310.8	349.7	293.1	1	
		12	7.8	239	301.7	324.4	283.6			12	10.7	248	309.6	344.8	291.6	1	
		14	8.3	240	300.6	324.3	281.3			14	11.2	248	308.8	341.5	290.3	1	
		16	8.1	240	301.1	326.0	280.1			16	10.5	248	310.7	346.8	294.1	1	
		18	7.0	240	303.9	337.1	284.5			18	9.0	248	312.3	339.3	296.1	1	
		20	6.0	240	305.2	332.1	290.6			20	8.7	248	313.0	341.8	297.2	1	
		22	5.4	240	306.0	330.8	290.8			22	8.2	248	313.0	342.4	297.5	1	
14607	05	00	8.8	248	311.7	342.8	293.7		11	00	6.7	240	308.7	339.8	294.5	1	
		02	8.7	248	311.8	343.8	293.2			02	6.5	240	308.7	337.3	296.1	1	
		04	8.5	248	312.1	347.1	294.5			04	6.6	240	308.7	336.2	295.8	1	
		06	9.0	248	311.9	349.4	291.4			06	6.7	240	308.7	342.9	293.6	1	
		08	10.5	248	310.0	352.9	290.9			08	7.1	240	308.4	343.0	293.2	1	
		10	11.7	248	306.9	346.4	285.8			10	7.5	240	307.2	339.9	292.7	1	
		12	12.9	248	305.3	350.6	280.9			12	7.9	240	306.4	337.6	289.7	1	
		14	14.1	248	304.3	355.5	278.4			14	7.9	240	306.3	336.5	291.0	1	
		16	13.9	247	304.7	356.0	280.2			16	7.3	240	307.7	339.6	295.1	1	
		18	12.5	242	307.4	354.0	283.5			18	7.3	238	308.4	340.0	294.4	1	
		20	11.0	248	310.4	352.4	292.0			20	7.0	240	308.6	341.5	296.5	1	
		22	9.7	248	311.4	345.0	286.4			22	6.5	240	308.4	335.3	295.9	1	
14607	06	00	11.6	240	325.2	362.0	302.7		12	00	4.8	248	306.8	327.6	293.7	1	
		02	10.9	240	325.0	358.8	304.8			02	4.9	248	307.2	332.2	293.0	1	
		04	10.6	240	324.5	358.9	306.3			04	4.8	248	307.2	332.2	293.8	1	
		06	11.2	240	325.1	361.2	299.7			06	4.6	248	307.3	323.7	297.2	1	
		08	12.8	240	324.5	368.7	297.1			08	4.4	247	307.0	323.3	297.4	1	
		10	14.4	240	321.6	366.4	286.1			10	4.5	248	305.6	322.2	296.3	1	
		12	14.9	240	319.9	369.5	285.5			12	4.7	248	304.6	323.5	295.4	1	
		14	16.0	240	319.0	364.1	285.7			14	4.7	248	304.5	326.8	294.6	1	
		16	15.8	240	319.6	369.8	284.8			16	4.6	248	305.5	329.2	295.3	1	
		18	14.4	239	322.6	362.5	288.8			18	4.5	248	306.1	328.2	294.9	1	
		20	13.3	240	325.1	370.9	297.2			20	4.7	247	306.4	329.5	295.0	1	
		22	12.1	240	325.7	366.0	297.6			22	4.6	248	306.7	327.4	296.7	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14733	01	00	4.8	248	306.8	331.2	292.6		07	00	13.9	279	340.7	378.1	312.8	1	
		02	4.8	248	306.9	331.0	295.2			02	13.3	279	340.0	379.6	312.2	1	
		04	5.2	248	307.1	332.3	296.3			04	12.9	279	340.0	376.1	315.3	1	
		06	5.2	247	307.0	332.4	295.0			06	12.9	279	340.6	374.5	315.2	1	
		08	5.2	248	307.1	331.4	295.4			08	14.6	279	338.8	374.7	305.8	1	
		10	5.5	248	306.3	329.6	295.1			10	16.7	279	334.5	371.6	299.6	1	
		12	6.0	248	305.4	328.6	292.1			12	17.9	257	330.7	376.7	298.4	1	
		14	6.1	248	305.2	328.7	292.5			14	18.2	278	330.0	376.4	283.8	1	
		16	5.9	248	305.6	329.4	292.8			16	18.1	279	329.7	374.8	287.0	1	
		18	5.0	248	306.4	327.3	292.8			18	17.5	279	333.6	375.3	289.7	1	
		20	4.9	247	306.6	332.1	290.6			20	16.1	279	339.3	376.4	308.2	1	
		22	5.1	248	306.7	333.3	290.1			22	14.9	279	340.9	377.4	312.4	1	
14733	02	00	4.3	226	306.3	319.6	292.5		08	00	14.0	279	339.2	382.7	312.7	1	
		02	4.2	226	306.4	322.5	295.1			02	12.9	279	338.9	370.1	315.2	1	
		04	4.3	226	306.4	328.6	294.9			04	12.9	279	338.3	375.3	316.5	1	
		06	4.1	226	306.6	319.8	294.8			06	13.0	279	338.6	376.9	316.1	1	
		08	4.3	226	306.4	320.0	295.4			08	13.7	279	339.1	374.6	309.0	1	
		10	4.8	226	305.3	319.5	289.8			10	16.3	279	334.1	369.0	300.2	1	
		12	5.2	226	303.8	320.6	289.3			12	17.1	279	330.5	367.4	296.8	1	
		14	5.4	226	303.6	321.7	288.6			14	17.5	279	328.1	376.6	288.9	1	
		16	5.4	226	304.2	322.7	287.6			16	17.9	279	329.3	371.6	290.7	1	
		18	5.1	226	305.6	325.8	290.8			18	17.4	279	333.8	373.1	289.1	1	
		20	4.6	226	306.1	320.9	292.2			20	15.5	279	339.3	374.3	304.8	1	
		22	4.4	226	306.2	322.7	291.3			22	14.8	279	340.3	384.6	306.2	1	
14733	03	00	5.0	248	305.8	332.1	296.2		09	00	12.1	227	327.9	362.0	297.0	1	
		02	4.9	248	305.7	333.0	296.9			02	11.8	230	327.8	360.6	303.0	1	
		04	4.8	248	306.0	327.9	294.1			04	11.9	227	327.9	360.2	304.7	1	
		06	4.9	248	306.4	330.5	295.6			06	12.0	228	327.8	364.2	306.8	1	
		08	5.3	248	305.9	336.6	295.9			08	12.9	227	328.2	368.2	303.4	1	
		10	5.8	248	304.4	335.3	292.1			10	14.4	225	324.8	364.0	297.2	1	
		12	6.2	248	303.5	328.5	289.3			12	14.5	226	321.4	365.7	297.6	1	
		14	6.5	248	303.4	330.2	287.6			14	14.1	236	320.5	368.4	293.4	1	
		16	6.7	247	303.3	334.7	287.5			16	14.4	234	321.1	361.7	290.0	1	
		18	5.6	248	305.0	332.8	293.1			18	13.5	227	325.3	363.4	295.6	1	
		20	5.0	248	305.8	326.5	292.5			20	12.8	233	328.0	364.0	303.5	1	
		22	5.1	248	305.8	327.6	291.4			22	12.3	240	328.1	360.5	300.7	1	
14733	04	00	7.3	240	310.0	332.3	292.1		10	00	11.5	247	318.1	354.0	292.5	1	
		02	6.9	240	309.9	339.7	296.7			02	11.2	247	317.9	355.7	292.7	1	
		04	6.9	240	310.0	333.9	295.4			04	10.9	248	317.8	356.3	289.4	1	
		06	7.0	240	310.1	335.0	295.4			06	11.0	248	318.3	355.5	293.9	1	
		08	8.4	240	308.9	335.3	288.5			08	12.0	248	318.8	357.0	288.7	1	
		10	9.9	240	306.6	336.8	287.8			10	13.0	247	315.7	355.5	287.2	1	
		12	10.4	240	305.6	337.3	284.2			12	13.9	248	312.6	360.3	289.3	1	
		14	10.7	240	305.0	335.8	283.9			14	14.0	248	311.7	360.7	280.5	1	
		16	11.0	240	305.2	333.7	280.9			16	13.4	248	313.3	361.7	287.6	1	
		18	9.8	240	307.7	337.4	285.4			18	12.9	248	317.9	361.9	291.2	1	
		20	8.9	240	309.5	339.5	287.8			20	12.4	248	318.2	355.1	287.7	1	
		22	8.3	240	309.9	339.3	286.1			22	11.8	248	318.1	355.1	292.6	1	
14733	05	00	11.9	248	317.8	351.3	294.9		11	00	7.4	239	309.0	341.4	293.1	1	
		02	11.0	248	318.5	351.0	296.9			02	7.3	240	309.1	336.3	293.6	1	
		04	10.6	248	318.3	351.4	296.2			04	7.5	240	309.3	337.1	288.5	1	
		06	11.2	248	318.6	353.0	297.6			06	7.7	240	309.8	340.9	293.4	1	
		08	12.7	248	316.0	350.6	290.5			08	7.7	240	309.6	336.6	290.1	1	
		10	14.1	248	313.0	351.6	287.4			10	7.6	240	308.1	332.7	290.2	1	
		12	14.7	248	311.2	349.9	283.8			12	7.8	240	306.6	332.6	290.5	1	
		14	14.5	248	310.9	351.9	283.1			14	8.1	240	306.3	334.8	288.2	1	
		16	14.0	248	311.1	348.8	281.2			16	7.8	240	307.7	335.4	287.5	1	
		18	13.3	248	313.8	348.2	285.9			18	7.1	240	308.5	331.4	287.6	1	
		20	12.1	248	317.0	351.6	290.4			20	7.3	240	308.7	331.3	288.1	1	
		22	11.7	248	317.9	352.0	294.5			22	7.2	240	308.6	330.9	291.4	1	
14733	06	00	13.6	240	333.2	364.8	293.6		12	00	4.8	248	305.9	325.8	292.7	1	
		02	12.7	240	332.5	364.6	304.9			02	4.4	248	306.1	323.7	293.9	1	
		04	12.9	239	332.3	365.5	305.9			04	4.5	248	306.0	325.4	295.0	1	
		06	12.8	240	332.4	363.5	304.4			06	4.9	248	306.3	333.6	294.9	1	
		08	14.0	240	330.0	364.5	298.7			08	5.0	248	306.5	327.5	293.5	1	
		10	14.5	240	326.9	361.9	296.8			10	5.3	247	306.1	328.5	290.6	1	
		12	15.9	240	325.0	358.4	284.1			12	5.7	248	305.0	329.6	288.9	1	
		14	16.9	240	323.9	373.4	276.8			14	5.9	248	304.9	331.6	291.9	1	
		16	17.2	240	324.1	368.5	280.2			16	5.7	248	305.5	328.3	291.8	1	
		18	16.1	240	327.0	372.1	291.2			18	5.5	248	306.3	326.0	295.5	1	
		20	14.6	240	331.7	369.4	298.8			20	5.0	248	306.2	322.5	295.5	1	
		22	14.0	240	333.3	367.8	299.1			22	4.8	248	305.8	321.3	293.8	1	

TABLE 1-2



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14735	01	00	5.0	248	313.4	334.8	300.4		07	00	13.8	247	349.6	386.0	313.3		1
		02	4.9	248	313.7	335.6	302.5			02	13.3	248	349.1	387.4	317.8		1
		04	5.0	248	313.9	333.6	296.4			04	13.2	248	348.2	385.7	318.5		1
		06	4.8	248	314.2	334.4	303.7			06	12.7	248	349.9	380.5	319.4		1
		08	5.0	248	314.3	334.4	299.5			08	14.1	248	345.9	379.7	313.3		1
		10	5.3	248	312.9	335.6	299.8			10	15.4	248	341.5	380.1	309.7		1
		12	5.9	248	311.4	335.2	289.2			12	17.7	248	337.9	384.0	304.6		1
		14	5.8	248	310.5	335.6	296.3			14	18.1	248	334.9	380.7	303.4		1
		16	5.5	248	311.2	333.4	297.9			16	18.5	248	335.9	379.4	300.3		1
		18	5.1	248	312.6	332.9	300.5			18	18.5	248	341.4	382.1	303.0		1
		20	5.1	248	313.1	334.1	300.6			20	15.1	248	348.5	382.2	308.4		1
		22	5.1	248	313.4	334.5	299.1			22	14.7	248	349.2	382.5	314.4		1
14735	02	00	4.8	226	313.1	327.5	300.4		08	00	13.3	248	347.6	379.9	320.9		1
		02	5.0	226	313.6	329.0	295.9			02	13.3	247	347.4	380.3	322.1		1
		04	5.1	226	313.9	330.8	297.9			04	13.4	246	347.0	380.4	321.1		1
		06	5.1	226	314.3	331.4	300.0			06	13.2	248	348.4	381.3	315.6		1
		08	5.0	226	313.8	330.3	299.3			08	14.3	248	347.1	382.4	311.6		1
		10	5.2	226	311.9	334.4	300.7			10	15.7	248	343.1	383.9	305.4		1
		12	5.7	226	310.3	336.3	296.3			12	17.4	248	337.7	383.2	300.8		1
		14	5.7	226	309.3	332.3	298.0			14	18.7	248	334.8	387.9	297.4		1
		16	5.7	226	309.8	328.2	296.9			16	19.0	248	336.0	377.0	296.3		1
		18	5.1	226	311.6	328.2	299.1			18	18.2	248	342.9	384.5	309.1		1
		20	4.9	226	312.4	330.5	299.7			20	14.6	248	347.5	381.6	313.8		1
		22	4.8	226	312.8	331.9	301.6			22	14.2	247	347.7	393.7	318.7		1
14735	03	00	5.9	217	312.5	332.8	299.4		09	00	12.3	240	337.1	372.1	312.0		1
		02	5.9	217	312.9	330.8	298.4			02	12.2	240	336.2	369.8	310.3		1
		04	6.0	217	313.2	335.9	298.1			04	11.8	240	335.7	367.0	307.0		1
		06	6.1	217	313.5	340.7	300.8			06	11.9	240	336.1	371.1	310.3		1
		08	6.7	217	312.2	340.9	300.9			08	13.6	240	336.2	375.8	305.6		1
		10	7.4	217	310.0	338.7	295.4			10	15.4	240	332.4	375.6	302.6		1
		12	7.8	217	308.5	343.2	290.0			12	16.1	240	329.1	375.9	298.4		1
		14	8.0	217	307.6	340.8	286.4			14	16.4	240	327.1	373.0	296.4		1
		16	7.8	217	308.2	341.2	290.7			16	15.9	240	328.5	374.7	294.5		1
		18	6.6	217	310.0	340.6	294.9			18	13.6	240	335.4	370.8	304.3		1
		20	6.1	217	311.3	342.4	297.3			20	12.8	240	337.0	370.1	308.2		1
		22	6.2	217	312.1	344.0	299.7			22	12.4	240	336.8	368.7	309.1		1
14735	04	00	8.0	210	317.2	346.1	301.0		10	00	11.5	248	326.4	370.5	306.3		1
		02	8.0	210	317.3	347.7	299.4			02	11.0	248	326.1	370.9	304.9		1
		04	7.3	210	317.3	346.9	298.7			04	10.5	248	326.0	370.3	306.2		1
		06	6.9	210	317.2	343.8	302.0			06	10.6	248	326.2	372.1	306.1		1
		08	8.1	210	314.1	338.1	297.1			08	11.5	248	326.1	368.3	303.7		1
		10	9.4	210	311.1	336.7	292.0			10	13.1	248	323.1	369.5	302.1		1
		12	10.3	210	309.0	337.4	287.6			12	13.9	248	320.0	366.4	294.0		1
		14	11.0	210	307.3	338.5	279.5			14	14.3	248	317.7	363.9	291.4		1
		16	11.2	210	307.7	341.3	282.5			16	14.3	248	319.4	362.8	293.2		1
		18	10.7	210	310.9	345.9	285.1			18	12.7	248	324.1	367.4	300.1		1
		20	9.0	210	314.9	348.5	288.6			20	12.4	248	325.4	370.4	301.2		1
		22	8.5	210	316.7	347.8	295.1			22	11.5	248	325.5	363.5	302.5		1
14735	05	00	12.9	217	325.4	358.3	294.1		11	00	8.4	240	317.1	353.6	302.0		1
		02	12.3	217	325.8	359.1	298.6			02	8.1	240	317.4	353.2	303.4		1
		04	11.8	217	326.2	359.0	301.4			04	7.9	240	317.3	355.9	299.3		1
		06	12.3	217	326.3	357.8	300.8			06	7.4	240	317.6	353.1	302.4		1
		08	13.9	217	323.0	360.8	293.6			08	8.1	240	317.5	356.5	295.5		1
		10	15.0	217	319.8	362.1	290.6			10	8.9	240	315.5	351.2	297.1		1
		12	16.8	217	317.6	361.0	286.2			12	9.1	240	313.5	351.8	297.0		1
		14	17.9	217	316.1	361.3	282.5			14	9.8	240	312.3	356.7	294.5		1
		16	17.6	217	316.4	363.3	284.8			16	8.7	240	313.9	347.5	294.2		1
		18	17.9	217	319.4	363.5	284.2			18	8.3	240	315.9	349.7	301.6		1
		20	15.8	217	324.7	361.7	294.7			20	8.0	240	316.3	349.8	300.3		1
		22	14.0	217	326.1	358.9	293.0			22	8.5	240	317.0	352.5	302.4		1
14735	06	00	14.0	210	339.0	376.1	307.3		12	00	6.4	248	314.3	338.6	299.4		1
		02	13.3	210	338.9	373.8	313.2			02	6.3	248	314.5	340.1	297.2		1
		04	12.8	210	339.0	371.6	315.7			04	5.9	248	314.5	337.6	302.2		1
		06	13.2	210	339.2	372.7	312.4			06	5.8	248	314.6	334.6	302.0		1
		08	14.4	210	336.7	371.2	302.3			08	5.4	248	314.3	337.5	302.7		1
		10	15.5	210	333.3	364.3	302.5			10	6.1	248	312.6	338.7	300.1		1
		12	17.3	210	330.7	381.2	295.5			12	6.4	248	311.0	343.1	297.4		1
		14	17.9	210	328.2	376.4	287.6			14	6.9	248	310.3	341.6	293.1		1
		16	18.0	210	329.1	379.5	287.9			16	6.2	248	311.7	337.7	295.4		1
		18	17.6	210	332.3	375.4	293.5			18	6.1	248	313.2	339.6	298.9		1
		20	16.2	210	338.2	379.1	295.8			20	6.2	248	313.8	340.2	300.0		1
		22	15.4	210	339.6	377.5	298.9			22	8.0	248	314.6	392.6	300.6		1

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14739	01	00	7.3	248	311.4	334.8	295.4		07	00	13.8	279	348.1	378.1	312.3	1	
		02	7.2	248	311.8	334.3	298.2			02	13.7	279	348.4	377.7	313.6	1	
		04	7.3	248	312.1	335.4	293.2			04	13.3	279	348.4	379.4	313.0	1	
		06	7.1	248	312.4	333.6	293.4			06	13.9	279	347.3	378.7	315.0	1	
		08	7.3	248	312.3	333.4	296.4			08	14.8	279	343.3	374.9	306.4	1	
		10	8.1	247	311.4	335.1	295.0			10	16.5	279	339.6	378.6	304.5	1	
		12	8.5	248	309.8	335.2	293.1			12	16.7	279	337.2	376.8	291.5	1	
		14	8.8	247	308.8	333.1	292.6			14	17.0	279	336.6	375.5	298.9	1	
		16	8.6	248	309.3	332.1	286.9			16	17.4	279	338.4	380.3	299.8	1	
		18	8.2	248	310.4	334.5	294.8			18	16.5	279	342.9	377.8	304.1	1	
		20	7.6	248	310.9	335.2	295.2			20	15.2	279	347.3	379.7	310.9	1	
		22	7.4	248	311.2	334.1	296.6			22	14.5	279	347.8	380.7	313.2	1	
14739	02	00	6.5	226	311.5	331.9	296.2		08	00	14.8	277	347.8	383.9	314.5	1	
		02	6.5	226	311.6	334.1	296.1			02	14.8	276	347.5	383.6	312.1	1	
		04	6.4	226	311.9	331.5	295.1			04	14.6	276	347.6	383.7	312.8	1	
		06	6.3	226	312.3	332.6	297.2			06	15.1	261	346.5	383.1	312.3	1	
		08	6.5	226	311.8	332.2	295.3			08	16.5	278	343.8	382.3	308.2	1	
		10	7.6	226	310.6	335.2	295.2			10	17.9	278	340.6	381.3	300.7	1	
		12	8.1	226	308.8	335.8	293.4			12	17.8	278	338.3	381.5	295.8	1	
		14	8.6	225	308.6	337.4	291.1			14	18.3	278	337.6	382.2	295.1	1	
		16	8.5	226	308.9	332.6	286.3			16	18.3	278	339.5	377.1	296.1	1	
		18	7.8	226	310.0	332.4	289.6			18	17.3	278	343.8	383.6	299.7	1	
		20	7.2	225	310.6	335.7	292.2			20	15.5	278	346.8	386.3	309.3	1	
		22	6.7	226	311.0	330.2	296.3			22	15.0	278	347.7	384.8	309.9	1	
14739	03	00	7.7	247	310.1	333.0	296.1		09	00	15.3	240	337.4	373.2	303.6	1	
		02	7.7	248	310.5	334.7	294.7			02	15.1	240	337.5	374.6	304.0	1	
		04	7.6	248	311.0	334.2	295.6			04	14.4	239	337.1	374.0	308.6	1	
		06	7.6	246	311.3	338.8	296.0			06	14.8	240	336.7	374.3	309.9	1	
		08	8.4	248	310.1	342.8	295.1			08	16.0	240	333.8	374.0	300.6	1	
		10	9.4	248	308.4	342.6	292.7			10	16.7	240	330.3	374.5	299.4	1	
		12	9.7	248	306.7	335.6	290.6			12	16.8	239	327.6	370.0	295.1	1	
		14	10.2	248	306.1	335.7	288.2			14	16.4	240	327.2	371.1	292.0	1	
		16	10.2	248	306.5	335.2	288.3			16	17.2	240	329.9	373.7	290.7	1	
		18	9.5	248	308.5	335.4	291.2			18	17.2	240	334.4	376.9	295.4	1	
		20	8.6	248	309.4	336.7	293.0			20	16.3	240	335.7	378.4	297.1	1	
		22	7.9	248	309.9	333.8	293.9			22	15.8	240	336.6	375.3	301.4	1	
14739	04	00	9.9	240	314.6	350.4	296.3		10	00	14.0	248	326.7	364.1	300.4	1	
		02	9.2	240	315.1	345.1	296.8			02	13.8	248	326.9	366.5	302.0	1	
		04	9.1	240	315.5	347.6	297.5			04	13.4	248	326.6	366.2	303.3	1	
		06	9.2	240	315.5	350.0	298.7			06	13.2	248	326.6	368.7	302.0	1	
		08	10.4	240	313.0	350.0	295.1			08	14.1	248	325.0	370.2	297.7	1	
		10	11.7	240	310.3	348.0	286.3			10	15.6	248	321.9	365.6	289.7	1	
		12	12.2	240	308.9	346.0	285.2			12	16.0	248	319.4	363.1	286.7	1	
		14	12.7	240	308.2	341.2	280.9			14	16.0	247	318.5	361.2	284.6	1	
		16	12.5	240	308.9	341.4	282.2			16	15.6	248	320.5	360.4	285.6	1	
		18	11.6	240	311.7	343.5	283.6			18	14.5	248	323.7	359.5	289.3	1	
		20	11.0	240	313.9	344.0	288.8			20	14.2	248	325.4	361.7	294.3	1	
		22	10.4	240	314.4	344.8	294.2			22	13.8	248	325.5	364.3	296.9	1	
14739	05	00	12.9	248	323.1	356.9	288.7		11	00	10.8	240	317.0	351.5	294.9	1	
		02	12.5	248	323.2	355.1	292.2			02	11.1	237	317.4	356.5	293.9	1	
		04	12.0	246	323.9	355.7	294.3			04	10.9	240	317.8	354.2	297.1	1	
		06	12.7	248	322.9	355.5	292.2			06	10.7	240	318.0	356.1	299.1	1	
		08	14.6	248	319.8	353.4	290.8			08	11.5	239	317.2	357.0	299.9	1	
		10	15.4	248	317.3	353.2	283.5			10	12.1	239	314.9	356.6	289.1	1	
		12	15.6	248	316.7	353.1	284.9			12	12.4	236	312.6	358.2	288.8	1	
		14	16.0	248	316.4	355.6	279.1			14	12.9	240	312.0	360.0	287.2	1	
		16	15.4	247	317.4	360.3	274.6			16	12.6	240	313.5	359.8	293.2	1	
		18	14.8	248	319.2	358.0	283.1			18	11.8	240	314.9	359.5	295.6	1	
		20	13.7	248	322.3	360.3	286.8			20	11.6	240	315.9	362.6	297.4	1	
		22	13.3	248	323.6	357.8	288.7			22	11.0	236	316.7	351.9	300.3	1	
14739	06	00	14.2	239	336.4	373.5	300.2		12	00	9.0	248	312.5	348.0	298.9	1	
		02	13.6	239	336.5	374.9	303.4			02	8.6	248	312.8	346.5	298.7	1	
		04	13.2	239	337.1	372.2	304.0			04	8.4	248	312.9	342.5	300.1	1	
		06	14.1	239	336.0	368.5	303.1			06	8.1	248	312.8	344.6	298.3	1	
		08	15.3	239	333.5	366.9	298.8			08	8.0	248	312.4	343.8	299.4	1	
		10	16.0	239	331.3	366.0	290.5			10	8.4	248	310.6	342.2	294.4	1	
		12	16.7	239	329.3	369.1	288.9			12	9.3	248	308.9	342.4	289.4	1	
		14	16.8	239	328.9	369.8	288.0			14	9.6	248	308.4	339.4	289.7	1	
		16	17.4	239	329.7	368.3	283.7			16	9.4	248	309.8	339.2	290.3	1	
		18	17.6	239	332.7	371.5	281.3			18	9.3	247	311.1	341.6	294.8	1	
		20	15.7	240	335.7	376.1	292.7			20	9.0	248	311.8	342.6	294.0	1	
		22	15.3	240	336.4	373.9	296.4			22	8.9	248	312.2	341.7	297.3	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14762	01	00	6.8	245	302.2	322.3	285.3		07	00	14.2	235	338.8	365.0	304.6	1	
		02	7.0	248	302.3	324.1	289.7			02	13.5	244	339.4	367.1	309.8	1	
		04	7.1	247	302.2	329.9	289.7			04	13.0	242	339.5	365.0	310.6	1	
		06	6.8	247	302.2	331.8	287.7			06	13.1	247	340.4	366.2	310.4	1	
		08	7.0	248	302.2	332.9	287.4			08	14.1	247	339.7	369.6	307.1	1	
		10	7.6	248	301.5	332.0	285.6			10	16.3	246	335.0	368.7	297.5	1	
		12	8.2	248	300.4	334.9	283.8			12	17.3	248	330.4	364.9	295.0	1	
		14	8.5	248	299.8	334.0	281.3			14	18.0	247	327.7	367.1	292.8	1	
		16	8.5	248	300.1	331.9	281.8			16	18.3	247	327.7	370.2	291.2	1	
		18	7.7	247	301.1	333.5	284.3			18	17.9	248	331.3	368.1	292.1	1	
		20	7.2	244	301.3	328.4	284.3			20	16.2	248	336.0	366.3	300.6	1	
		22	7.0	246	301.7	323.9	285.0			22	15.6	246	337.8	368.7	305.4	1	
14762	02	00	6.7	224	300.5	328.1	284.0		08	00	13.4	247	335.7	364.6	304.9	1	
		02	6.3	225	300.8	325.6	284.5			02	11.2	248	336.7	362.7	308.6	1	
		04	6.1	225	300.7	322.7	286.4			04	12.6	246	337.0	366.3	310.2	1	
		06	5.6	225	300.8	321.6	287.7			06	12.6	243	337.8	366.4	311.3	1	
		08	5.8	225	300.9	328.2	287.7			08	13.3	247	337.6	368.3	304.3	1	
		10	7.0	226	299.5	328.5	285.4			10	15.3	247	332.8	363.0	295.7	1	
		12	7.9	225	298.6	326.9	282.9			12	16.1	248	327.4	358.1	293.5	1	
		14	8.7	225	297.6	321.1	276.9			14	16.6	248	324.6	363.4	281.7	1	
		16	9.1	225	297.3	320.0	276.5			16	17.2	242	324.4	367.6	290.6	1	
		18	8.2	225	299.0	326.6	280.2			18	15.8	237	328.7	362.9	296.0	1	
		20	7.6	226	299.7	329.9	281.6			20	15.4	240	333.1	365.5	300.3	1	
		22	7.5	225	300.0	328.6	283.7			22	14.2	245	334.4	363.9	303.6	1	
14762	03	00	7.9	242	300.3	331.2	282.4		09	00	14.0	233	324.1	363.5	300.5	1	
		02	7.2	248	300.6	328.9	285.8			02	13.1	239	324.9	362.9	301.3	1	
		04	7.1	247	300.7	333.6	286.2			04	12.6	239	325.1	357.6	302.1	1	
		06	6.7	248	300.8	333.6	286.6			06	12.4	239	325.3	356.6	303.3	1	
		08	7.1	248	300.7	332.8	287.5			08	12.3	239	325.1	355.4	302.4	1	
		10	8.2	248	299.1	332.8	282.6			10	14.3	240	320.2	355.5	297.9	1	
		12	9.0	248	297.2	335.8	280.1			12	15.4	240	315.7	360.5	286.4	1	
		14	9.8	248	295.9	330.5	274.2			14	17.2	239	312.3	364.5	204.6	1	
		16	10.0	247	295.3	333.3	275.3			16	16.6	236	313.5	357.7	285.6	1	
		18	9.2	248	297.1	335.2	275.1			18	15.2	238	318.3	363.2	289.1	1	
		20	8.4	248	298.5	331.3	274.1			20	14.8	234	321.0	360.4	294.2	1	
		22	8.2	248	299.5	332.2	283.3			22	14.1	238	322.3	361.6	294.7	1	
14762	04	00	11.5	233	304.4	338.2	284.6		10	00	12.8	244	312.5	355.7	284.9	1	
		02	11.0	235	304.7	335.8	285.6			02	12.6	247	312.8	356.6	283.5	1	
		04	10.4	238	305.1	336.2	287.6			04	12.1	248	313.1	354.7	284.1	1	
		06	9.9	240	305.9	338.2	288.2			06	12.0	248	313.3	353.7	284.3	1	
		08	10.7	238	304.9	338.2	286.0			08	12.6	247	313.5	356.8	283.2	1	
		10	12.5	239	302.1	340.5	282.3			10	13.8	248	310.6	354.9	279.2	1	
		12	13.0	240	299.7	350.9	279.1			12	14.4	222	307.1	355.3	280.2	1	
		14	13.7	234	298.0	337.2	276.5			14	14.7	243	304.6	357.8	277.8	1	
		16	14.1	235	298.8	335.9	272.4			16	15.1	247	305.0	362.0	277.6	1	
		18	14.0	238	300.6	340.3	275.3			18	14.3	248	308.0	357.2	280.6	1	
		20	13.1	238	302.8	339.5	277.5			20	13.9	248	309.6	356.0	280.0	1	
		22	12.4	238	303.8	340.1	282.1			22	13.5	248	311.0	358.1	283.6	1	
14762	05	00	13.3	214	314.7	348.2	285.9		11	00	8.4	238	302.7	332.2	286.7	1	
		02	12.7	215	315.0	345.1	289.5			02	8.3	238	302.9	335.7	283.6	1	
		04	12.1	217	315.7	343.8	289.8			04	7.8	240	302.9	336.6	287.6	1	
		06	12.2	217	316.0	345.8	291.9			06	7.8	238	303.1	332.9	285.3	1	
		08	14.2	216	314.7	352.0	287.6			08	8.0	238	303.4	330.4	286.1	1	
		10	15.3	213	310.3	348.0	279.1			10	9.0	239	301.9	331.1	284.3	1	
		12	16.3	216	308.2	348.8	281.4			12	9.5	240	300.2	334.8	280.1	1	
		14	16.5	216	306.1	345.8	278.8			14	9.9	240	298.9	331.3	279.2	1	
		16	17.3	215	306.3	353.8	279.6			16	9.9	239	299.3	331.0	278.9	1	
		18	16.6	215	308.6	355.1	282.1			18	9.2	240	300.9	331.8	282.7	1	
		20	15.1	214	312.7	351.7	287.1			20	8.5	240	302.0	335.9	282.9	1	
		22	14.2	217	313.9	352.5	288.4			22	8.5	240	302.1	334.9	281.8	1	
14762	06	00	15.3	208	330.4	361.1	295.4		12	00	6.6	246	300.6	326.0	285.2	1	
		02	15.0	210	330.7	361.3	296.9			02	6.1	247	300.8	325.0	281.8	1	
		04	14.4	209	331.0	362.4	300.4			04	6.0	248	301.0	324.9	284.7	1	
		06	14.5	210	331.5	362.7	299.5			06	6.2	248	301.3	329.8	284.1	1	
		08	15.9	201	330.2	366.3	296.0			08	6.6	247	301.6	336.7	289.1	1	
		10	17.4	204	326.3	363.7	289.3			10	7.4	247	300.7	335.7	286.1	1	
		12	18.4	208	323.4	371.1	287.7			12	8.2	247	299.6	337.8	284.3	1	
		14	18.8	210	322.2	360.4	286.0			14	8.9	248	298.7	337.9	282.2	1	
		16	19.5	207	322.5	370.1	282.6			16	8.6	247	298.8	336.2	280.1	1	
		18	18.6	210	325.4	362.8	286.7			18	8.0	248	300.1	333.5	285.8	1	
		20	17.7	210	329.2	363.3	291.3			20	7.5	248	300.4	334.1	285.6	1	
		22	16.4	209	330.6	361.1	292.6			22	7.2	247	300.3	332.0	285.6	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14764	01	00	5.5	217	314.0	335.7	298.6		07	00	12.2	247	348.2	377.3	311.4	1	
		02	5.5	217	314.2	335.5	299.2			02	11.8	246	346.8	376.2	316.2	1	
		04	5.5	217	314.4	334.5	298.7			04	14.2	247	346.4	376.1	317.2	1	
		06	5.2	217	314.7	333.0	300.4			06	12.5	248	349.5	380.7	313.2	1	
		08	5.4	217	314.1	331.0	300.3			08	14.5	247	346.0	376.9	311.9	1	
		10	6.6	217	312.5	337.5	297.3			10	16.2	247	341.5	378.0	303.1	1	
		12	7.0	216	311.2	335.3	296.0			12	16.7	247	340.3	376.3	295.8	1	
		14	7.1	217	310.7	330.4	291.5			14	17.1	248	340.1	387.5	297.8	1	
		16	6.4	217	311.7	330.9	295.0			16	16.5	248	341.9	379.4	300.2	1	
		18	5.9	217	312.6	332.3	299.1			18	15.1	248	345.8	372.8	303.6	1	
		20	5.6	217	313.2	334.2	297.1			20	13.2	248	348.0	377.1	305.6	1	
		22	5.6	217	313.8	335.7	299.4			22	12.5	248	348.8	380.8	313.7	1	
14764	02	00	5.4	196	314.0	337.6	299.0		08	00	13.2	248	346.9	378.2	310.8	1	
		02	5.0	196	313.9	326.0	300.6			02	13.0	248	345.8	378.0	313.1	1	
		04	5.1	196	314.2	326.3	298.3			04	12.9	248	345.1	379.7	314.6	1	
		06	5.1	197	314.4	327.7	299.1			06	13.1	248	347.5	381.1	319.9	1	
		08	5.6	197	313.6	329.9	295.3			08	15.4	248	346.0	380.2	305.5	1	
		10	6.3	197	311.5	327.5	295.6			10	17.7	248	341.8	381.4	301.6	1	
		12	7.0	196	310.7	330.5	296.5			12	17.9	248	340.8	379.9	296.1	1	
		14	6.9	197	310.4	330.5	295.9			14	17.5	248	341.2	382.7	298.5	1	
		16	6.5	196	311.5	332.9	296.5			16	17.0	248	343.0	384.6	301.9	1	
		18	5.7	197	313.0	326.1	297.1			18	15.1	248	346.3	380.6	307.2	1	
		20	5.2	196	313.6	327.1	299.9			20	13.5	248	348.2	378.8	312.6	1	
		22	5.2	197	313.5	325.5	300.2			22	13.1	248	347.9	375.0	313.0	1	
14764	03	00	6.0	217	313.2	329.4	301.1		09	00	12.5	240	336.6	370.4	310.9	1	
		02	5.8	217	313.3	328.6	299.0			02	12.3	240	335.6	372.8	311.2	1	
		04	5.6	217	313.6	329.0	300.1			04	12.2	240	334.8	372.8	310.4	1	
		06	5.9	217	313.5	332.0	296.1			06	12.3	240	335.8	372.9	309.7	1	
		08	6.9	217	311.8	331.8	298.0			08	15.1	240	335.5	377.1	305.9	1	
		10	7.8	217	309.7	331.6	294.3			10	16.3	240	331.9	374.4	301.5	1	
		12	8.0	217	309.4	330.8	292.3			12	16.6	240	330.9	375.9	295.4	1	
		14	8.3	217	309.5	334.1	292.4			14	16.6	240	331.0	372.0	295.8	1	
		16	8.0	217	310.3	331.8	294.5			16	16.0	240	332.6	376.6	298.5	1	
		18	7.2	217	312.3	331.8	297.2			18	13.7	240	336.3	371.1	301.9	1	
		20	6.8	217	312.8	331.0	298.5			20	13.0	240	337.3	382.4	307.4	1	
		22	6.4	217	313.0	330.8	298.9			22	12.8	240	336.6	374.5	308.4	1	
14764	04	00	7.2	210	317.4	335.2	300.2		10	00	10.8	248	326.2	354.9	307.4	1	
		02	6.7	210	317.4	335.8	302.3			02	10.8	248	326.0	355.8	306.6	1	
		04	6.6	210	317.5	338.9	301.9			04	10.6	248	325.8	357.5	307.1	1	
		06	7.4	210	317.7	342.6	301.6			06	10.8	248	325.9	367.3	307.7	1	
		08	9.4	210	314.6	339.4	297.7			08	13.1	248	325.0	378.1	300.3	1	
		10	10.9	210	312.1	247.1	289.3			10	14.4	248	321.7	363.8	297.9	1	
		12	11.3	210	311.8	341.4	284.7			12	14.9	248	321.0	362.2	297.3	1	
		14	11.4	210	311.4	338.6	284.4			14	14.9	248	321.5	365.9	294.4	1	
		16	11.0	210	312.6	340.1	287.7			16	13.7	248	323.9	357.9	296.7	1	
		18	9.4	210	315.6	341.3	289.5			18	11.7	248	325.9	359.0	301.7	1	
		20	8.5	210	316.9	338.3	296.8			20	11.1	248	326.2	359.8	304.9	1	
		22	7.8	210	317.3	335.1	298.2			22	11.0	248	325.8	355.8	304.1	1	
14764	05	00	10.5	217	325.1	356.2	293.8		11	00	8.3	240	318.3	344.8	301.3	1	
		02	9.8	217	325.0	355.4	297.0			02	8.4	237	318.5	345.6	302.0	1	
		04	9.5	217	324.9	355.4	299.6			04	8.3	236	318.5	343.4	302.2	1	
		06	10.7	217	325.3	358.3	301.1			06	8.2	237	318.7	344.7	300.5	1	
		08	13.2	217	321.8	355.8	294.3			08	9.0	237	318.1	349.2	299.5	1	
		10	14.4	216	319.2	352.8	287.6			10	10.6	237	316.5	347.3	296.8	1	
		12	14.6	217	318.8	356.1	285.7			12	10.9	238	314.8	347.7	294.6	1	
		14	14.3	217	318.3	351.5	283.7			14	11.1	238	314.9	348.0	293.5	1	
		16	13.9	216	319.6	362.0	287.2			16	10.0	239	317.0	346.2	296.5	1	
		18	13.0	217	322.4	360.6	288.8			18	9.1	239	317.7	348.0	298.6	1	
		20	11.5	217	324.9	359.9	289.2			20	8.7	239	317.9	344.6	300.6	1	
		22	10.7	217	325.9	357.0	293.5			22	8.5	239	318.2	344.2	300.0	1	
14764	06	00	11.8	210	337.6	365.8	305.2		12	00	6.7	248	315.0	341.1	302.6	1	
		02	11.5	210	337.2	368.3	307.2			02	6.6	248	315.3	340.5	302.2	1	
		04	11.3	210	336.9	364.2	309.9			04	6.6	248	315.2	342.6	300.0	1	
		06	11.9	208	338.2	366.7	307.9			06	6.3	248	315.4	341.8	302.2	1	
		08	14.3	209	335.3	370.6	300.2			08	6.3	247	314.6	339.0	301.4	1	
		10	15.6	210	333.2	368.7	297.2			10	7.5	248	312.0	339.2	297.3	1	
		12	16.2	210	332.4	370.0	291.8			12	8.0	248	310.6	343.1	296.8	1	
		14	16.1	210	331.4	369.1	285.3			14	7.9	248	310.5	339.3	294.5	1	
		16	16.6	210	332.5	366.4	289.2			16	7.0	248	312.3	335.0	298.5	1	
		18	15.3	210	335.3	370.0	293.4			18	6.9	246	313.5	337.5	300.9	1	
		20	13.5	210	337.9	369.9	298.1			20	6.6	248	314.0	338.5	302.2	1	
		22	13.0	210	338.5	373.5	299.7			22	6.7	248	314.4	337.9	300.9	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14830	01	00	4.3	248	307.5	333.1	296.8		07	00	13.5	279	343.2	378.0	311.6	1	
		02	4.0	248	307.5	327.4	297.4			02	13.3	279	343.3	376.8	314.2	1	
		04	4.0	248	307.5	324.9	299.0			04	13.1	279	343.0	375.3	318.2	1	
		06	4.0	246	307.5	328.1	299.3			06	13.3	279	343.3	376.8	316.7	1	
		08	3.9	248	307.7	324.4	298.5			08	15.4	278	342.4	378.9	308.4	1	
		10	3.7	248	307.1	325.3	299.5			10	17.0	278	337.0	383.1	297.1	1	
		12	4.1	248	306.1	326.8	296.7			12	17.8	279	332.7	382.4	294.9	1	
		14	4.6	248	305.5	328.1	293.1			14	18.0	279	329.5	375.2	290.6	1	
		16	4.7	248	305.7	332.0	294.7			16	17.0	279	328.8	378.3	282.2	1	
		18	4.5	248	306.6	335.1	294.5			18	15.8	279	331.4	376.9	299.1	1	
		20	4.6	248	307.2	339.9	296.5			20	14.9	278	338.3	376.5	306.2	1	
		22	4.3	248	307.3	329.0	296.4			22	14.2	279	341.9	374.4	308.7	1	
14830	02	00	3.5	226	307.0	320.8	296.7		08	00	13.2	279	340.8	377.3	306.7	1	
		02	3.5	226	306.9	323.8	299.2			02	12.7	279	340.5	376.5	314.1	1	
		04	3.6	226	306.9	323.0	296.4			04	12.7	279	340.3	378.8	314.1	1	
		06	3.7	225	307.0	324.4	297.8			06	12.8	279	340.2	375.3	312.3	1	
		08	3.6	226	307.0	324.7	298.5			08	13.5	279	340.6	372.5	309.2	1	
		10	3.9	226	305.9	326.2	296.0			10	15.5	279	335.2	374.5	305.1	1	
		12	4.6	226	305.0	327.9	293.2			12	16.6	279	329.4	377.8	296.8	1	
		14	4.7	226	304.4	328.0	293.7			14	17.5	279	326.9	378.8	291.0	1	
		16	5.0	226	304.3	329.9	290.4			16	17.0	279	326.7	376.0	289.1	1	
		18	4.3	226	305.6	324.0	293.6			18	16.5	279	330.4	374.0	293.1	1	
		20	3.9	226	306.4	324.7	296.2			20	15.3	279	337.9	376.8	291.6	1	
		22	3.6	226	306.6	319.8	296.4			22	13.7	278	340.2	374.8	296.5	1	
14830	03	00	4.1	248	306.0	324.2	294.8		09	00	11.8	240	328.2	359.2	307.4	1	
		02	3.9	248	306.3	324.9	296.5			02	11.2	240	327.9	358.7	308.0	1	
		04	4.2	248	306.5	327.1	290.7			04	11.1	240	327.6	359.5	310.3	1	
		06	4.2	248	306.8	324.7	295.5			06	11.2	240	327.9	364.1	309.7	1	
		08	4.2	248	306.3	325.9	292.9			08	11.8	240	327.9	366.7	302.4	1	
		10	4.8	248	304.2	325.4	292.0			10	13.5	240	323.9	364.1	297.7	1	
		12	5.7	248	303.2	327.5	289.9			12	14.6	240	319.6	363.6	291.1	1	
		14	6.0	248	302.5	326.1	286.1			14	15.2	240	316.9	374.0	291.2	1	
		16	6.2	248	302.8	329.7	286.4			16	14.7	240	316.5	364.5	287.6	1	
		18	5.8	248	304.2	330.7	291.4			18	14.0	240	321.7	357.8	291.7	1	
		20	7.5	248	305.3	328.1	214.2			20	12.8	240	327.1	364.3	294.2	1	
		22	4.7	248	306.2	327.7	295.1			22	11.9	240	327.8	359.3	291.5	1	
14830	04	00	8.5	239	309.3	338.6	292.5		10	00	12.5	248	318.6	359.4	286.7	1	
		02	8.3	239	309.9	339.2	291.7			02	12.3	248	318.3	365.3	284.5	1	
		04	8.2	239	310.1	337.3	292.0			04	12.0	248	318.5	360.4	288.6	1	
		06	7.7	239	310.2	339.8	292.1			06	11.6	248	318.6	355.8	291.8	1	
		08	8.5	240	308.7	340.8	295.7			08	11.9	248	318.5	355.8	295.0	1	
		10	10.7	240	305.7	340.1	287.9			10	13.5	248	315.6	357.2	290.6	1	
		12	12.2	240	303.5	344.0	279.7			12	14.5	248	312.6	359.7	282.0	1	
		14	12.5	240	302.0	339.7	280.8			14	15.0	248	310.1	359.5	280.8	1	
		16	12.6	240	302.0	345.1	278.5			16	14.7	248	310.6	355.6	282.1	1	
		18	11.9	240	303.6	342.9	279.9			18	14.2	248	315.4	358.2	286.4	1	
		20	10.4	240	307.5	347.6	287.2			20	13.6	248	318.0	362.2	290.5	1	
		22	9.4	240	309.1	342.5	293.3			22	12.8	248	318.2	359.6	284.4	1	
14830	05	00	12.8	248	318.0	356.6	295.6		11	00	6.7	240	309.1	334.1	292.9	1	
		02	11.4	248	318.2	354.7	296.3			02	6.6	240	309.3	333.8	294.0	1	
		04	10.6	248	318.3	349.0	298.0			04	6.4	240	309.3	334.6	296.7	1	
		06	10.8	248	318.4	350.1	294.4			06	6.2	240	309.3	332.7	294.4	1	
		08	12.7	248	316.6	350.4	293.4			08	6.4	240	309.2	332.8	295.0	1	
		10	14.7	248	314.0	351.8	290.1			10	7.1	240	308.1	333.9	290.3	1	
		12	16.1	248	311.9	353.6	285.5			12	7.7	240	306.6	335.0	288.9	1	
		14	16.7	248	310.0	351.1	281.1			14	7.7	240	305.8	334.5	288.2	1	
		16	16.7	248	309.7	355.8	282.8			16	7.6	240	306.4	335.0	289.6	1	
		18	16.6	248	312.1	357.2	285.4			18	7.1	240	308.4	334.2	292.4	1	
		20	15.1	248	316.2	357.5	286.0			20	7.0	240	308.9	334.7	292.6	1	
		22	13.8	248	317.9	358.3	292.6			22	6.7	240	308.9	334.0	292.3	1	
14830	06	00	14.9	240	336.6	373.0	304.0		12	00	4.4	248	307.3	326.5	295.3	1	
		02	14.6	240	336.6	369.6	306.6			02	4.2	248	307.2	326.8	296.0	1	
		04	14.1	240	335.8	367.5	307.3			04	4.0	248	307.2	323.0	294.4	1	
		06	14.4	240	336.0	366.1	302.3			06	3.7	248	307.2	321.4	293.0	1	
		08	16.5	240	334.5	376.1	303.9			08	3.6	248	307.4	321.1	293.7	1	
		10	18.4	240	330.8	371.4	294.1			10	3.9	248	306.7	322.2	295.3	1	
		12	19.1	240	328.0	367.1	291.5			12	4.5	248	305.8	326.8	295.9	1	
		14	19.4	240	325.8	370.9	288.6			14	4.8	248	305.2	331.1	294.1	1	
		16	18.9	240	325.7	365.1	288.0			16	4.9	248	305.7	330.5	294.9	1	
		18	19.0	240	328.2	370.8	289.0			18	4.7	248	306.7	332.8	295.0	1	
		20	17.5	240	333.3	373.9	290.5			20	4.9	248	307.0	335.8	294.3	1	
		22	16.0	240	336.8	371.5	295.6			22	4.9	248	307.3	332.5	295.4	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14834	01	00	4.8	155	309.4	335.0	299.7		07	00	13.9	155	350.8	381.8	324.0	1	
		02	4.6	155	309.4	334.5	297.5			02	13.3	155	350.2	379.6	323.5	1	
		04	4.6	155	309.3	330.8	297.7			04	13.6	155	349.0	380.8	323.7	1	
		06	4.6	155	309.4	329.7	299.9			06	13.7	155	351.6	385.8	323.9	1	
		08	4.6	155	309.2	328.9	297.7			08	16.7	155	347.8	384.8	307.4	1	
		10	5.5	155	308.5	332.5	297.0			10	18.5	155	343.7	381.8	305.7	1	
		12	6.2	155	307.9	335.5	296.3			12	18.8	155	341.0	385.3	309.0	1	
		14	6.9	155	308.1	341.1	295.1			14	18.9	154	338.3	377.9	305.6	1	
		16	6.1	155	308.6	339.6	297.6			16	20.0	155	339.0	385.9	301.6	1	
		18	5.2	155	309.2	330.5	300.2			18	17.8	155	343.9	390.4	308.5	1	
		20	5.1	155	309.4	331.9	299.3			20	15.3	155	350.1	381.1	316.8	1	
		22	4.6	155	309.4	333.2	300.5			22	14.4	155	350.7	386.0	320.7	1	
14834	02	00	3.8	140	308.6	320.0	299.7		08	00	12.7	155	346.6	379.3	322.0	1	
		02	3.8	141	308.6	320.1	299.6			02	12.6	155	345.2	376.4	321.0	1	
		04	4.0	141	308.9	321.1	299.4			04	12.6	155	344.4	374.6	318.4	1	
		06	4.0	141	309.0	322.7	298.9			06	12.7	155	346.3	374.4	319.3	1	
		08	4.2	141	308.5	324.3	299.3			08	14.3	155	345.1	378.0	309.7	1	
		10	4.9	141	306.9	327.2	292.6			10	15.1	155	339.8	382.9	303.0	1	
		12	5.4	141	306.0	328.1	290.1			12	15.5	155	336.9	381.1	302.5	1	
		14	5.5	141	305.6	330.3	291.9			14	16.3	154	335.4	384.5	299.2	1	
		16	5.2	141	306.1	323.9	291.3			16	17.1	155	336.9	390.6	300.5	1	
		18	4.3	141	307.6	319.7	296.6			18	16.0	155	343.3	398.4	310.2	1	
		20	4.0	141	308.2	318.4	296.7			20	13.7	154	347.0	379.3	317.8	1	
		22	3.9	141	308.5	319.7	299.3			22	13.3	155	347.7	384.9	319.9	1	
14834	03	00	6.0	138	309.0	335.3	295.6		09	00	12.3	150	332.8	363.6	310.4	1	
		02	5.4	138	308.9	332.0	297.2			02	12.3	150	332.3	363.1	312.9	1	
		04	4.8	138	308.7	327.8	298.9			04	12.1	150	331.9	360.7	312.5	1	
		06	5.0	138	308.9	327.6	298.6			06	12.3	150	332.4	363.1	307.1	1	
		08	6.2	137	307.7	328.8	297.6			08	13.9	149	332.0	366.2	300.6	1	
		10	6.9	138	306.4	330.5	292.0			10	16.5	150	326.6	372.0	291.6	1	
		12	7.1	138	305.6	331.7	291.5			12	16.8	150	322.7	359.7	293.2	1	
		14	7.3	138	305.5	332.2	290.7			14	16.9	150	320.8	364.4	287.6	1	
		16	7.5	138	306.3	333.8	293.7			16	16.1	150	322.6	359.6	288.9	1	
		18	6.8	138	308.1	332.5	293.8			18	14.7	150	329.6	368.4	301.7	1	
		20	6.3	138	309.3	332.3	299.5			20	13.0	150	332.6	369.7	306.3	1	
		22	6.1	138	309.5	334.1	297.8			22	13.0	149	333.0	370.5	307.0	1	
14834	04	00	7.6	120	312.1	347.0	302.3		10	00	13.5	155	319.4	363.7	286.2	1	
		02	7.5	120	312.2	343.1	302.2			02	13.2	155	319.5	358.8	286.6	1	
		04	7.4	120	312.0	344.7	302.5			04	12.8	155	319.7	358.9	290.6	1	
		06	7.8	120	312.0	346.1	301.0			06	12.6	155	319.9	358.9	290.9	1	
		08	9.2	120	310.3	352.2	294.8			08	14.8	155	319.8	363.7	291.7	1	
		10	11.3	120	307.7	355.5	285.1			10	17.1	155	315.8	359.3	284.8	1	
		12	11.8	120	306.2	348.9	282.3			12	17.9	155	313.3	358.7	281.7	1	
		14	12.8	120	306.3	349.7	281.1			14	17.6	155	311.4	353.7	278.1	1	
		16	12.6	120	306.4	344.2	283.2			16	16.9	155	313.1	354.4	278.6	1	
		18	11.2	120	309.4	347.2	287.7			18	15.7	155	317.6	361.1	284.2	1	
		20	9.3	120	312.2	343.2	299.1			20	14.5	155	318.7	362.9	284.2	1	
		22	9.0	120	312.7	349.2	300.9			22	13.7	155	318.8	363.0	286.8	1	
14834	05	00	11.9	124	322.9	355.9	299.3		11	00	8.1	150	310.4	344.8	295.3	1	
		02	11.0	124	322.8	350.6	300.9			02	7.9	150	310.5	344.4	298.7	1	
		04	10.6	124	323.1	349.2	303.6			04	7.5	150	310.4	341.5	298.8	1	
		06	11.3	124	324.0	352.9	303.1			06	7.6	150	310.7	339.6	293.0	1	
		08	13.6	124	321.7	357.5	294.2			08	8.8	150	310.4	338.8	291.0	1	
		10	15.3	124	318.8	364.2	291.3			10	9.9	150	308.3	342.0	285.8	1	
		12	16.4	124	316.8	355.7	288.6			12	10.6	150	306.5	337.3	279.9	1	
		14	15.7	124	315.8	352.3	283.0			14	10.9	150	306.0	341.9	281.9	1	
		16	16.1	124	315.5	355.5	285.6			16	9.8	149	308.0	338.6	287.8	1	
		18	15.7	124	319.1	357.6	292.5			18	8.5	150	309.3	336.8	294.1	1	
		20	13.1	124	322.1	355.5	299.5			20	7.5	150	309.8	338.0	297.7	1	
		22	12.0	124	322.8	355.5	298.5			22	7.7	150	310.0	342.9	296.1	1	
14834	06	00	17.0	120	342.6	376.5	305.1		12	00	4.3	155	309.2	320.9	297.0	1	
		02	16.1	120	342.4	375.4	305.9			02	4.4	155	309.4	322.9	296.8	1	
		04	15.6	120	341.6	374.1	310.5			04	4.6	155	309.5	328.1	300.5	1	
		06	16.8	119	343.4	379.6	309.6			06	4.8	155	309.7	327.9	300.3	1	
		08	19.0	119	341.8	388.3	306.7			08	5.2	155	309.5	331.5	300.8	1	
		10	21.4	119	338.8	397.5	298.8			10	5.9	155	308.4	333.3	296.5	1	
		12	22.0	119	336.2	386.2	286.7			12	6.3	155	307.3	335.3	296.2	1	
		14	21.3	119	335.2	392.5	289.6			14	6.5	155	306.8	335.2	293.3	1	
		16	20.8	119	334.7	375.4	289.8			16	6.5	155	308.6	342.1	295.7	1	
		18	20.2	119	338.5	386.1	289.5			18	5.9	155	309.7	336.9	298.4	1	
		20	19.1	120	343.0	391.8	299.1			20	5.3	155	309.7	336.4	297.5	1	
		22	17.8	120	343.2	383.5	307.0			22	4.5	154	309.5	322.9	298.7	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14847	01	00	3.6	248	305.9	316.7	296.5		07	00	11.0	278	334.1	371.4	310.3		1
		02	3.6	248	306.2	316.6	296.2			02	10.6	279	333.4	365.8	310.3		1
		04	3.7	248	306.5	318.3	296.2			04	10.6	279	332.9	364.8	313.8		1
		06	3.9	248	306.6	319.8	296.7			06	10.6	278	333.9	365.2	312.6		1
		08	4.2	248	306.8	324.0	293.3			08	12.2	279	335.2	366.2	309.8		1
		10	3.7	248	306.3	320.2	290.7			10	13.9	279	333.4	370.9	302.8		1
		12	3.4	248	305.0	314.5	290.3			12	14.6	278	332.0	370.4	298.0		1
		14	3.2	248	304.2	313.3	292.4			14	14.9	278	330.1	371.6	299.5		1
		16	3.1	248	304.4	313.1	290.8			16	14.9	279	329.2	378.6	295.6		1
		18	3.2	248	305.5	313.5	296.7			18	14.3	278	330.8	375.9	302.1		1
		20	3.3	248	305.7	315.4	295.1			20	12.7	279	333.0	371.8	307.0		1
		22	3.4	248	305.9	314.6	293.9			22	11.8	279	333.8	368.6	308.9		1
14847	02	00	3.4	226	305.7	316.3	298.2		08	00	10.6	278	335.0	363.6	310.1		1
		02	3.6	226	305.9	318.2	296.9			02	10.1	279	334.6	361.0	311.4		1
		04	3.8	226	306.1	318.8	296.2			04	10.2	279	334.4	363.5	312.7		1
		06	4.0	226	306.5	323.6	296.7			06	10.4	279	334.5	367.3	310.5		1
		08	4.1	226	306.6	323.9	295.2			08	11.9	279	335.9	369.0	309.1		1
		10	3.5	222	305.2	317.2	296.0			10	13.8	279	333.3	369.9	299.1		1
		12	3.5	226	304.0	314.5	292.7			12	14.5	279	331.4	372.4	297.3		1
		14	3.2	226	303.4	313.4	294.4			14	14.4	279	329.4	368.2	296.2		1
		16	3.5	226	303.7	313.1	291.7			16	14.2	279	329.4	364.9	296.6		1
		18	3.2	226	304.8	313.6	296.9			18	13.5	279	331.7	365.2	297.8		1
		20	3.1	226	305.4	316.7	296.8			20	11.1	279	334.1	363.6	308.6		1
		22	3.4	226	305.4	316.2	295.3			22	10.9	279	334.7	367.4	307.7		1
14847	03	00	3.2	248	304.8	314.2	296.1		09	00	10.9	239	325.3	365.2	299.9		1
		02	3.2	248	305.1	315.4	297.5			02	10.7	240	324.8	365.2	301.5		1
		04	3.2	248	305.3	314.3	297.7			04	10.3	240	324.4	359.3	298.4		1
		06	3.3	248	305.6	314.3	297.5			06	10.1	240	324.1	362.1	299.3		1
		08	3.3	248	305.4	314.7	298.4			08	11.7	240	325.3	368.3	295.6		1
		10	3.3	248	303.9	313.4	295.9			10	12.8	240	323.5	366.2	294.9		1
		12	3.6	248	302.8	313.8	292.9			12	12.5	240	320.8	365.0	295.9		1
		14	3.4	248	302.3	313.5	290.7			14	12.9	240	319.6	360.9	297.2		1
		16	3.6	248	302.4	313.2	290.8			16	12.4	240	320.0	360.8	293.3		1
		18	3.5	248	303.5	314.3	293.7			18	11.4	240	323.3	377.1	299.7		1
		20	3.2	248	304.3	313.5	294.9			20	10.7	239	325.1	366.1	296.6		1
		22	3.2	248	304.6	314.3	295.4			22	10.6	240	325.1	366.9	298.9		1
14847	04	00	4.5	240	306.4	321.9	293.4		10	00	8.4	247	316.0	344.4	294.5		1
		02	4.5	240	306.3	319.7	293.3			02	8.6	248	315.8	348.1	294.7		1
		04	4.4	240	306.4	319.6	293.7			04	8.7	248	315.6	352.3	295.8		1
		06	4.6	240	306.6	331.2	296.0			06	8.5	248	315.4	348.7	296.7		1
		08	5.1	240	305.5	329.5	290.7			08	8.9	248	315.8	348.0	296.7		1
		10	6.2	240	303.7	330.7	289.1			10	10.3	248	314.7	354.3	294.7		1
		12	6.6	240	302.5	326.0	285.8			12	10.7	248	312.6	349.2	291.9		1
		14	7.1	240	301.7	322.7	274.8			14	10.7	248	311.7	346.4	291.6		1
		16	6.9	240	301.5	318.4	282.5			16	10.4	248	312.2	344.4	293.3		1
		18	6.5	240	302.6	319.7	283.8			18	9.7	248	314.6	349.4	295.4		1
		20	5.1	240	305.0	323.8	289.8			20	9.2	248	315.8	350.9	297.4		1
		22	4.9	240	306.0	322.8	292.8			22	8.3	248	315.7	347.4	297.6		1
14847	05	00	7.3	248	312.0	339.0	296.9		11	00	5.7	240	307.9	329.3	295.0		1
		02	7.2	248	312.3	338.6	296.2			02	5.5	240	307.8	328.7	297.4		1
		04	7.2	248	312.3	339.9	295.2			04	5.3	240	307.9	328.7	297.5		1
		06	7.5	248	312.7	339.5	298.4			06	5.2	240	307.9	329.3	296.2		1
		08	9.1	246	311.0	343.7	288.9			08	5.3	240	307.9	329.0	294.5		1
		10	10.3	248	308.5	340.5	286.5			10	6.0	240	307.4	329.4	295.8		1
		12	10.9	248	306.6	342.1	285.7			12	6.1	240	306.4	330.1	295.5		1
		14	11.4	248	305.6	341.9	284.5			14	6.2	239	306.0	331.5	292.1		1
		16	11.4	248	305.3	340.6	276.5			16	5.8	240	306.5	330.0	291.6		1
		18	10.4	248	306.8	340.1	284.3			18	5.5	240	307.4	328.6	296.2		1
		20	8.4	248	309.9	337.8	287.2			20	5.5	240	307.6	328.7	294.2		1
		22	8.0	248	311.5	339.5	292.2			22	5.5	240	307.8	328.7	295.0		1
14847	06	00	10.9	240	325.4	359.5	304.3		12	00	3.6	248	306.1	317.5	297.8		1
		02	10.3	239	325.6	351.8	304.8			02	3.6	248	306.0	316.6	297.5		1
		04	9.7	239	325.3	353.8	306.7			04	3.7	248	306.1	315.8	296.2		1
		06	10.0	239	326.4	352.9	302.0			06	3.6	248	306.1	316.6	296.8		1
		08	11.9	239	326.4	356.4	299.7			08	3.6	248	306.2	317.5	297.8		1
		10	13.7	239	326.0	356.1	298.2			10	3.6	248	305.8	316.7	295.7		1
		12	15.0	240	324.7	361.4	294.5			12	3.7	248	304.8	316.7	295.3		1
		14	15.8	239	323.3	361.8	290.8			14	3.5	248	304.4	317.4	295.5		1
		16	15.9	240	322.6	359.8	286.9			16	3.5	248	304.8	318.0	292.1		1
		18	15.0	240	324.3	360.3	292.2			18	3.3	247	305.5	317.9	296.6		1
		20	13.1	239	325.8	359.4	300.1			20	3.4	248	305.6	316.2	295.9		1
		22	12.2	240	325.9	360.6	301.1			22	3.6	248	305.8	317.3	297.0		1

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14849	01	00	5.8	248	308.9	344.2	298.4		07	00	14.5	279	346.3	377.1	316.4	1	
		02	5.6	248	308.8	335.8	297.8			02	14.1	278	346.3	381.3	320.4	1	
		04	5.4	247	308.7	330.6	298.2			04	13.5	278	346.2	379.7	317.6	1	
		06	5.3	248	308.8	331.3	299.4			06	13.2	277	347.1	381.4	315.9	1	
		08	5.4	247	309.2	333.0	299.0			08	14.8	279	346.5	382.0	311.8	1	
		10	6.0	248	308.7	335.0	297.2			10	17.1	278	340.2	378.1	302.2	1	
		12	6.6	247	307.9	338.0	294.2			12	17.9	279	336.3	383.2	299.8	1	
		14	6.8	248	307.4	337.4	292.4			14	18.6	279	335.2	380.5	295.7	1	
		16	6.8	248	307.7	337.2	294.4			16	18.9	279	334.0	380.1	289.8	1	
		18	6.2	248	308.5	334.8	293.8			18	18.6	279	337.2	382.4	296.2	1	
		20	5.8	248	309.0	333.5	299.6			20	16.0	279	343.9	385.8	308.5	1	
		22	5.5	248	308.9	331.9	297.5			22	15.0	279	346.1	381.6	307.4	1	
14849	02	00	4.8	226	307.9	329.5	292.7		08	00	13.4	278	344.2	377.6	318.8	1	
		02	4.2	226	307.7	323.6	298.7			02	13.2	279	343.9	375.1	317.6	1	
		04	4.0	226	307.5	322.5	299.2			04	13.0	278	343.5	374.3	319.5	1	
		06	4.1	226	307.7	323.1	298.5			06	12.8	279	343.6	374.9	316.8	1	
		08	4.3	226	307.9	326.6	298.3			08	13.6	279	344.7	376.3	317.0	1	
		10	5.2	226	306.8	328.0	291.9			10	16.5	279	339.6	375.1	301.7	1	
		12	5.8	226	305.6	328.3	286.8			12	17.0	279	335.2	376.4	300.9	1	
		14	6.2	226	304.8	328.2	290.0			14	17.4	279	332.7	375.8	295.5	1	
		16	6.0	226	305.3	327.2	292.7			16	17.9	279	332.3	374.3	296.3	1	
		18	5.4	226	307.1	331.0	295.0			18	17.5	279	337.4	383.7	299.0	1	
		20	5.1	226	307.7	332.5	296.0			20	14.7	279	342.9	378.2	309.2	1	
		22	5.1	226	307.9	330.0	295.3			22	13.9	279	344.5	378.7	314.7	1	
14849	03	00	5.4	248	307.8	337.7	297.9		09	00	12.6	240	331.4	363.8	296.0	1	
		02	5.1	248	307.7	334.7	299.1			02	12.1	240	331.3	363.5	299.8	1	
		04	5.1	248	307.8	334.2	298.8			04	11.6	240	330.8	360.9	298.7	1	
		06	5.3	248	308.0	336.8	296.7			06	11.5	240	330.9	361.3	306.2	1	
		08	6.0	248	307.6	337.7	296.0			08	12.2	240	331.7	364.2	308.9	1	
		10	6.7	248	305.9	340.5	292.5			10	14.3	240	327.2	364.1	300.2	1	
		12	7.0	248	304.7	333.8	290.0			12	15.4	240	323.1	365.4	290.5	1	
		14	7.5	248	303.7	333.9	287.8			14	15.9	240	320.6	364.9	290.3	1	
		16	7.8	248	303.9	334.3	285.0			16	16.3	240	320.9	366.2	291.8	1	
		18	6.8	248	305.5	332.3	290.4			18	15.1	240	326.3	367.7	301.2	1	
		20	6.0	248	307.3	331.4	295.4			20	13.4	240	330.3	364.3	305.0	1	
		22	5.4	248	307.7	332.2	297.9			22	12.9	240	331.0	366.2	303.5	1	
14849	04	00	9.3	238	312.4	342.1	296.7		10	00	13.1	248	321.3	359.4	293.6	1	
		02	9.2	239	312.9	340.5	298.6			02	13.0	248	321.4	364.9	297.3	1	
		04	8.9	239	312.7	339.5	297.2			04	12.5	248	320.9	363.9	297.1	1	
		06	8.8	240	312.9	341.5	299.0			06	12.1	248	320.6	366.1	296.2	1	
		08	10.2	239	312.0	344.1	293.2			08	12.9	248	321.3	364.4	297.1	1	
		10	11.7	240	309.4	346.0	289.4			10	14.5	248	318.7	364.1	292.1	1	
		12	13.0	240	307.4	349.3	285.2			12	15.5	248	315.5	360.7	287.3	1	
		14	12.7	240	306.4	346.0	283.9			14	15.5	248	313.3	359.1	287.7	1	
		16	13.3	240	306.5	351.2	283.3			16	15.7	248	314.0	357.9	284.2	1	
		18	12.8	240	308.4	348.8	285.2			18	14.6	248	318.3	362.6	288.8	1	
		20	11.2	240	311.4	352.3	289.2			20	13.5	248	319.9	360.1	292.5	1	
		22	10.3	240	312.8	351.8	293.8			22	13.1	248	320.5	359.3	291.9	1	
14849	05	00	12.8	247	322.6	361.0	299.9		11	00	7.9	240	311.3	339.7	298.8	1	
		02	12.0	247	322.8	359.2	301.5			02	7.2	240	310.9	338.7	298.4	1	
		04	11.7	246	322.6	362.8	304.1			04	7.4	240	310.9	339.6	298.0	1	
		06	11.7	248	322.9	360.8	300.3			06	7.1	240	310.8	341.4	297.1	1	
		08	13.4	248	321.0	353.8	296.1			08	7.1	240	311.0	341.5	298.8	1	
		10	15.4	248	318.2	360.7	291.2			10	7.6	240	309.8	343.3	297.9	1	
		12	16.4	246	316.5	362.6	289.9			12	8.5	240	308.0	346.8	286.1	1	
		14	16.9	248	314.9	361.9	284.0			14	8.7	240	307.1	344.4	286.9	1	
		16	16.1	248	314.3	358.3	284.1			16	8.6	240	307.8	340.8	288.3	1	
		18	16.5	248	317.1	366.3	284.5			18	8.4	240	310.0	345.0	294.4	1	
		20	14.3	248	321.0	360.0	295.8			20	7.8	240	310.7	342.8	295.0	1	
		22	13.5	248	322.3	362.3	297.9			22	7.9	240	311.0	343.7	296.9	1	
14849	06	00	15.2	239	338.3	370.4	311.6		12	00	5.2	248	308.3	337.8	298.7	1	
		02	14.4	240	338.3	368.8	312.4			02	5.0	248	308.5	335.2	298.9	1	
		04	14.3	240	338.1	370.1	309.5			04	4.8	248	308.7	330.0	299.7	1	
		06	14.8	240	339.6	373.0	308.3			06	4.8	248	308.9	327.5	299.7	1	
		08	16.8	240	338.2	374.9	306.5			08	19.8	248	307.7	329.2	7.8	1	
		10	18.6	240	333.9	380.7	298.7			10	5.3	248	308.1	331.3	298.0	1	
		12	19.4	240	330.3	374.8	292.3			12	5.9	248	306.6	332.6	294.6	1	
		14	19.2	240	328.4	374.6	286.0			14	6.5	248	306.0	333.8	293.9	1	
		16	19.6	240	328.1	371.5	291.2			16	6.4	248	306.5	336.4	294.1	1	
		18	20.5	240	331.2	380.7	289.3			18	5.6	247	307.7	332.5	295.2	1	
		20	17.8	240	337.0	377.6	302.2			20	5.4	248	308.1	336.2	299.4	1	
		22	16.0	240	338.7	371.3	309.5			22	5.3	248	308.0	338.5	296.5	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14918	01	00	7.0	245	304.2	327.2	288.2		07	00	10.8	248	330.7	365.0	307.5	1	
		02	4.3	31	303.2	314.0	295.1										
		04	4.7	31	303.7	316.6	295.8										
		06	7.8	243	305.3	330.4	293.2			06	10.6	248	330.6	365.7	308.4	1	
		08	5.0	31	303.6	317.4	296.0										
		10	3.2	31	301.7	308.4	294.9										
		12	5.6	248	301.5	319.5	290.6				12	15.5	248	323.8	361.9	290.0	1
		14	2.6	31	299.2	306.1	294.3										
		16	2.6	31	300.2	304.9	292.3										
		18	5.8	247	302.7	321.2	289.9			18		15.5	248	324.9	363.6	289.9	1
		20	3.4	31	302.3	309.1	295.8										
		22	4.0	31	302.3	310.4	293.1										
14918	02	00	5.6	226	302.4	319.6	289.6		08	00	10.7	248	329.3	362.3	305.6	1	
		02	6.0	29	303.2	315.4	292.4										
		04	6.4	29	303.8	316.4	294.9										
		06	6.8	226	303.9	325.6	292.2			06	10.0	248	328.2	355.4	307.4	1	
		08	5.8	29	302.9	314.6	294.8										
		10	3.5	29	299.3	307.8	293.9										
		12	4.3	224	298.7	310.5	280.7				12	14.7	248	322.8	363.0	278.1	1
		14	3.0	29	296.0	300.6	290.7										
		16	3.5	29	296.6	302.5	287.6										
		18	4.3	226	299.8	314.2	287.0			18		14.4	248	325.5	375.9	292.9	1
		20	4.6	29	300.0	308.4	292.4										
		22	4.9	29	301.1	309.6	290.4										
14918	03	00	4.2	248	300.8	316.0	292.3		09	00	10.0	240	316.6	358.3	293.6	1	
		02	5.3	31	300.3	315.2	291.3										
		04	5.7	31	300.7	316.3	291.0										
		06	5.3	248	302.3	320.1	292.1			06	8.5	240	315.6	339.5	299.7	1	
		08	4.2	31	299.9	308.7	293.8										
		10	3.6	31	297.1	305.3	288.2										
		12	3.9	248	296.7	308.3	288.0				12	11.3	240	310.9	345.0	282.4	1
		14	3.2	31	295.1	304.0	288.9										
		16	3.3	31	295.0	302.1	286.7										
		18	4.1	248	297.4	309.7	283.9			18		11.1	240	314.7	350.8	289.6	1
		20	3.8	31	298.1	307.3	290.4										
		22	4.3	31	298.9	308.7	290.3										
14918	04	00	4.6	239	299.7	317.2	288.7		10	00	7.1	248	306.2	336.2	287.6	1	
		02	2.6	30	297.9	303.9	293.9										
		04	2.6	30	298.7	303.8	294.2										
		06	4.6	240	301.0	326.7	288.0			06	6.6	248	306.7	334.2	289.3	1	
		08	3.9	30	296.3	304.5	288.2										
		10	5.0	30	293.3	305.6	283.5										
		12	8.3	239	294.2	322.6	271.2				12	9.4	248	301.2	341.5	281.2	1
		14	6.2	30	291.2	301.4	281.0										
		16	6.3	30	290.6	302.3	278.9										
		18	7.7	239	294.6	316.3	272.9			18		7.9	248	303.7	332.1	279.9	1
		20	4.0	30	294.9	303.0	285.9										
		22	3.3	30	296.8	303.0	287.9										
14918	05	00	9.0	217	306.6	334.4	287.2		11	00	3.8	240	301.1	316.4	291.0	1	
		02								02	3.0	30	299.9	308.0	294.0	1	
		04								04	3.4	30	300.0	309.1	293.4	1	
		06	8.3	217	307.6	334.2	284.6			06	3.9	240	301.5	317.1	290.9	1	
										08	3.7	30	299.8	310.4	294.6	1	
										10	3.0	30	299.1	306.3	293.6	1	
		12	12.1	217	298.8	334.8	271.5			12	4.6	237	299.0	313.1	279.0	1	
										14	2.6	30	298.1	302.3	291.8	1	
										16	2.2	30	299.2	302.9	294.3	1	
		18	13.2	217	299.9	339.9	277.1			18	4.0	240	300.4	314.9	287.5	1	
										20	2.7	30	299.5	304.4	294.8	1	
										22	2.5	30	299.6	304.4	294.6	1	
14918	06	00	10.9	210	320.4	349.8	291.9		12	00	5.4	248	302.6	324.1	292.2	1	
		02								02	6.9	31	304.1	326.6	292.8	1	
		04								04	6.9	31	304.0	327.5	293.9	1	
		06	11.2	210	321.4	352.9	294.5			06	5.7	246	302.9	323.5	292.1	1	
										08	5.6	30	303.3	313.0	294.1	1	
										10	5.9	31	301.9	321.4	292.7	1	
		12	15.8	210	314.6	365.5	278.0			12	4.2	247	300.0	313.0	289.4	1	
										14	4.5	31	299.0	313.5	293.0	1	
										16	4.7	31	300.7	315.2	294.5	1	
		18	15.2	210	315.9	354.7	282.4			18	4.7	248	301.2	315.0	289.6	1	
										20	5.6	31	302.1	317.9	294.2	1	
										22	6.5	31	303.0	321.7	294.0	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14922	01	00	4.8	248	305.7	325.5	295.5		07	00	13.7	279	341.4	374.8	312.0	1	
		02	5.0	248	306.0	325.4	296.3			02	13.2	279	341.5	377.2	311.3	1	
		04	5.3	248	306.2	326.6	295.9			04	12.4	279	340.8	370.3	314.1	1	
		06	5.5	248	306.4	326.0	294.6			06	12.5	279	340.9	374.4	311.4	1	
		08	5.6	248	306.4	326.9	296.0			08	14.1	279	338.4	376.5	307.7	1	
		10	5.0	248	305.6	323.5	294.6			10	15.5	279	333.7	373.0	300.3	1	
		12	4.4	248	304.0	320.3	294.4			12	16.7	279	330.7	368.9	299.6	1	
		14	3.9	248	303.2	318.0	295.5			14	17.1	279	328.6	380.9	294.3	1	
		16	3.9	248	303.6	318.9	294.7			16	17.7	279	329.3	377.9	294.1	1	
		18	4.1	248	304.7	321.8	295.1			18	17.5	279	332.1	373.4	298.5	1	
		20	4.4	248	305.3	323.2	292.8			20	15.7	279	338.2	376.7	306.3	1	
		22	4.6	248	305.6	324.3	295.2			22	14.2	279	340.7	374.4	311.1	1	
14922	02	00	3.7	226	305.1	317.5	294.9		08	00	13.6	279	338.4	395.1	302.3	1	
		02	4.0	226	305.3	318.5	295.3			02	13.0	279	338.5	383.6	306.7	1	
		04	4.1	226	305.4	321.1	295.5			04	12.6	279	338.4	386.2	307.5	1	
		06	4.2	226	305.6	321.2	296.9			06	12.2	279	338.1	374.6	307.0	1	
		08	4.3	197	305.6	323.3	296.0			08	13.3	278	336.0	370.0	302.1	1	
		10	4.1	226	303.9	317.9	293.0			10	15.3	279	332.3	373.3	294.6	1	
		12	4.1	226	302.3	312.7	289.2			12	16.4	279	328.7	373.8	292.4	1	
		14	4.1	226	301.1	312.7	288.1			14	17.2	279	326.4	373.7	288.5	1	
		16	4.0	226	301.4	311.3	283.7			16	17.2	279	327.1	374.3	288.2	1	
		18	3.6	226	302.8	313.4	291.1			18	17.7	279	330.9	375.2	290.0	1	
		20	3.4	226	304.0	315.3	294.9			20	16.0	279	336.5	388.8	297.4	1	
		22	3.5	226	304.6	316.6	294.7			22	14.3	279	337.6	392.4	300.3	1	
14922	03	00	3.4	248	304.0	313.9	294.7		09	00	11.0	239	321.6	354.2	291.8	1	
		02	3.3	248	304.2	314.4	295.0			02	10.3	240	322.3	350.1	293.8	1	
		04	3.3	247	304.3	314.1	294.5			04	9.9	240	322.7	347.8	299.6	1	
		06	3.3	248	304.6	315.6	295.6			06	9.8	240	322.8	349.6	301.5	1	
		08	3.7	248	304.0	316.0	294.7			08	10.9	240	321.0	352.4	298.4	1	
		10	4.0	248	302.3	316.4	291.9			10	13.0	240	317.1	356.8	290.8	1	
		12	4.4	248	301.1	315.7	283.9			12	14.5	240	314.2	354.1	283.4	1	
		14	4.7	248	300.3	316.2	283.6			14	14.8	240	311.9	352.8	284.8	1	
		16	4.5	248	300.5	316.4	285.9			16	14.7	240	312.1	352.2	280.9	1	
		18	4.2	248	301.6	317.3	286.5			18	13.9	240	315.9	362.1	290.1	1	
		20	3.6	248	303.2	317.6	289.3			20	12.8	240	319.9	365.4	295.1	1	
		22	3.4	248	303.7	314.9	290.7			22	11.5	240	321.0	356.5	293.7	1	
14922	04	00	6.8	240	304.7	332.6	286.3		10	00	10.9	248	310.8	345.1	289.5	1	
		02	6.3	240	305.5	332.8	290.2			02	10.4	248	311.6	345.4	290.5	1	
		04	6.3	240	306.2	336.6	293.9			04	9.8	248	311.9	348.6	292.8	1	
		06	6.3	240	306.3	336.5	291.2			06	9.7	248	312.2	349.8	292.9	1	
		08	7.3	240	304.3	338.8	287.9			08	10.0	248	311.2	348.1	292.3	1	
		10	8.2	240	301.2	333.3	283.6			10	11.0	248	307.8	353.8	286.0	1	
		12	9.2	240	299.2	339.4	281.7			12	11.6	248	305.0	355.5	279.3	1	
		14	9.7	240	298.0	337.0	277.7			14	12.1	248	302.8	349.9	277.7	1	
		16	10.1	240	297.3	337.5	270.5			16	12.1	248	303.4	345.3	275.2	1	
		18	9.9	240	298.8	340.6	276.2			18	11.8	248	306.7	347.9	284.3	1	
		20	8.4	240	302.7	337.3	280.4			20	11.5	248	309.0	348.1	284.2	1	
		22	7.6	240	304.3	334.9	283.8			22	11.0	248	309.9	346.9	289.5	1	
14922	05	00	11.8	248	313.1	346.5	289.2		11	00	5.1	240	304.4	322.5	286.7	1	
		02	11.1	248	314.3	345.8	294.1			02	4.8	240	304.8	323.4	291.1	1	
		04	10.6	248	315.3	346.1	293.5			04	4.9	240	305.0	323.1	288.8	1	
		06	10.5	248	315.2	348.1	293.9			06	4.9	239	305.1	325.3	294.6	1	
		08	11.8	248	312.4	346.1	290.7			08	4.8	240	305.1	325.7	293.5	1	
		10	13.7	248	309.1	353.1	280.9			10	5.2	240	303.8	328.0	291.6	1	
		12	14.3	248	306.3	353.7	280.9			12	5.6	240	302.0	328.2	288.2	1	
		14	14.9	248	304.6	353.4	274.3			14	5.9	240	301.0	325.6	284.4	1	
		16	15.5	248	304.1	355.9	277.2			16	5.6	240	301.7	327.2	285.5	1	
		18	15.1	248	305.6	352.4	277.9			18	5.1	240	303.1	325.4	287.4	1	
		20	14.1	248	310.7	353.8	285.2			20	5.1	239	304.0	325.7	284.0	1	
		22	14.8	35	313.5	347.6	293.1			22	5.0	240	304.3	322.3	285.3	1	
14922	06	00	15.1	240	331.5	369.2	297.0		12	00	3.9	248	305.0	319.1	296.0	1	
		02	14.5	240	331.4	370.7	301.7			02	4.1	248	305.3	321.2	296.6	1	
		04	14.0	240	331.6	368.2	304.4			04	4.2	248	305.3	322.7	296.2	1	
		06	14.1	240	331.6	370.0	297.1			06	4.3	248	305.4	323.7	293.7	1	
		08	16.1	240	329.0	367.5	295.3			08	4.3	248	305.4	323.4	294.5	1	
		10	17.6	240	325.7	366.8	288.1			10	4.1	248	304.7	322.1	293.9	1	
		12	18.4	240	323.1	365.4	284.8			12	3.8	248	303.3	319.3	294.7	1	
		14	19.3	240	321.4	361.5	284.7			14	3.8	248	302.5	318.1	293.9	1	
		16	20.0	240	321.1	368.3	284.0			16	3.6	248	303.2	320.3	295.6	1	
		18	19.8	240	322.6	366.9	283.3			18	3.6	248	303.8	320.1	295.5	1	
		20	17.7	239	328.7	369.0	294.5			20	3.7	248	304.3	319.2	293.6	1	
		22	16.1	240	331.2	369.3	297.1			22	3.9	248	304.6	318.7	286.4	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
14933	01	00	3.9	248	304.0	316.0	294.7		07	00	14.2	248	347.7	379.0	310.1	1	
		02	4.0	248	304.3	316.6	294.0			02	13.8	248	347.5	376.2	310.7	1	
		04	4.0	248	304.4	320.5	294.3			04	13.5	248	347.0	375.4	310.4	1	
		06	4.0	248	304.4	316.8	293.5			06	13.3	248	347.9	379.4	313.9	1	
		08	4.2	248	304.5	317.0	292.0			08	14.3	248	347.6	378.2	312.6	1	
		10	4.3	248	303.7	318.9	291.8			10	15.6	248	344.7	378.3	306.4	1	
		12	4.8	248	302.3	322.3	286.0			12	17.0	248	341.9	384.0	302.3	1	
		14	5.1	248	301.0	322.9	281.1			14	17.8	248	339.8	380.0	300.3	1	
		16	4.7	248	301.5	323.8	284.5			16	17.9	248	339.6	377.3	303.2	1	
		18	4.0	248	302.8	316.5	288.0			18	17.0	248	342.7	382.2	303.4	1	
		20	3.8	248	303.4	315.7	289.7			20	15.2	248	347.5	386.1	310.5	1	
		22	3.6	248	304.0	315.7	294.7			22	14.0	248	347.9	380.9	313.7	1	
14933	02	00	3.8	225	304.3	316.6	292.3		08	00	14.5	248	343.1	380.1	309.4	1	
		02	3.9	226	304.4	319.9	290.9			02	13.8	248	343.1	377.0	311.4	1	
		04	3.8	226	304.4	321.4	290.8			04	13.4	248	342.5	378.2	312.1	1	
		06	3.7	226	304.7	318.4	291.2			06	13.3	248	342.7	376.6	312.8	1	
		08	3.7	226	304.4	315.9	290.9			08	13.8	248	342.7	373.9	309.7	1	
		10	4.1	226	303.0	316.8	286.8			10	15.7	247	339.8	374.4	298.5	1	
		12	4.5	226	301.8	317.2	284.5			12	16.9	248	336.5	375.9	296.4	1	
		14	5.2	226	300.9	317.8	281.9			14	18.4	248	334.3	375.5	294.7	1	
		16	5.4	226	300.9	318.5	282.7			16	19.6	248	334.1	375.5	292.2	1	
		18	4.7	226	302.2	317.5	285.5			18	18.7	248	337.7	379.9	292.4	1	
		20	4.1	226	303.2	317.9	290.0			20	16.4	248	342.0	380.9	302.0	1	
		22	3.9	226	303.8	318.0	292.4			22	15.5	248	342.6	379.2	304.1	1	
14933	03	00	4.8	248	303.1	327.5	283.5		09	00	14.4	240	324.4	358.9	289.4	1	
		02	4.6	248	303.5	321.4	286.3			02	13.6	240	324.6	358.3	289.7	1	
		04	4.5	248	303.7	321.6	287.6			04	13.0	239	324.8	355.0	294.0	1	
		06	4.4	247	303.8	324.4	287.3			06	12.8	239	325.0	355.0	299.9	1	
		08	4.7	248	303.1	325.5	285.1			08	13.9	240	324.5	355.9	294.5	1	
		10	5.8	248	301.5	328.0	283.9			10	16.1	240	320.0	356.8	282.2	1	
		12	6.8	248	300.0	328.0	279.0			12	17.1	240	316.1	357.3	277.6	1	
		14	7.2	248	298.8	320.1	275.1			14	17.5	240	313.0	358.0	276.0	1	
		16	7.7	248	298.8	320.3	272.7			16	17.8	240	313.7	354.2	273.6	1	
		18	6.7	248	300.5	321.6	278.7			18	16.9	238	318.4	354.2	279.8	1	
		20	5.5	248	302.3	323.1	277.6			20	16.1	240	321.5	358.8	285.3	1	
		22	5.1	248	302.9	327.6	282.6			22	15.7	240	323.1	362.2	288.6	1	
14933	04	00	10.6	240	306.3	344.8	283.3		10	00	13.2	248	312.1	363.2	287.2	1	
		02	10.1	240	307.2	341.2	287.3			02	12.4	248	312.9	358.1	286.9	1	
		04	10.0	240	307.9	345.0	285.3			04	12.2	248	313.2	352.7	287.9	1	
		06	10.0	239	308.5	342.4	288.3			06	12.1	248	313.7	354.6	287.3	1	
		08	11.5	240	306.9	341.3	281.2			08	13.0	248	312.8	358.4	285.8	1	
		10	13.1	240	304.6	342.7	280.8			10	14.0	248	309.5	357.6	281.8	1	
		12	13.9	240	302.1	342.7	275.6			12	15.0	248	306.3	352.4	276.6	1	
		14	14.5	240	300.8	350.3	273.4			14	15.7	248	303.5	359.2	274.0	1	
		16	14.8	240	300.5	362.9	270.9			16	15.6	248	304.1	357.4	274.9	1	
		18	13.6	240	301.4	343.9	273.7			18	15.2	248	307.4	363.8	282.1	1	
		20	12.8	240	304.7	343.6	277.6			20	14.7	248	309.8	364.9	284.5	1	
		22	11.3	240	305.8	345.2	282.0			22	13.7	248	311.2	365.9	285.9	1	
14933	05	00	13.4	217	318.5	353.8	289.7		11	00	7.3	240	304.2	334.7	285.5	1	
		02	12.6	217	319.2	354.2	293.1			02	7.0	240	304.7	335.9	290.1	1	
		04	12.5	217	319.5	356.6	294.3			04	7.0	240	304.8	332.8	288.5	1	
		06	12.6	217	319.8	358.1	297.0			06	6.6	239	304.9	331.1	288.7	1	
		08	13.9	217	318.3	360.3	291.6			08	6.7	240	304.8	334.2	287.4	1	
		10	15.7	217	315.6	359.3	285.5			10	7.5	240	303.1	333.7	288.4	1	
		12	16.4	217	313.2	356.9	282.7			12	8.0	240	300.8	333.4	282.3	1	
		14	17.2	217	312.1	363.0	276.9			14	8.8	240	299.2	336.0	278.1	1	
		16	17.7	217	312.1	363.6	275.9			16	8.5	240	299.8	335.6	282.6	1	
		18	17.2	217	313.8	372.0	278.7			18	8.0	240	301.7	337.4	285.1	1	
		20	15.6	217	317.6	373.5	287.4			20	7.3	240	302.9	336.7	285.3	1	
		22	14.6	217	318.4	375.4	288.9			22	7.0	240	303.5	336.5	288.6	1	
14933	06	00	17.0	210	339.6	378.7	304.0		12	00	4.5	248	303.8	325.7	292.6	1	
		02	16.4	210	338.4	380.5	299.0			02	4.5	248	304.1	326.8	291.5	1	
		04	15.9	210	338.0	379.8	296.9			04	4.6	248	304.3	326.2	291.8	1	
		06	15.8	210	338.7	376.6	292.1			06	4.5	248	304.3	325.0	293.4	1	
		08	17.3	210	338.3	389.3	297.6			08	4.3	248	304.3	328.1	295.8	1	
		10	18.7	210	335.4	372.4	293.9			10	4.4	248	303.3	324.0	295.3	1	
		12	19.5	210	333.9	372.0	293.8			12	5.2	247	301.6	324.8	285.4	1	
		14	20.5	210	333.4	372.7	285.6			14	5.5	248	300.7	323.7	285.3	1	
		16	21.3	210	334.1	377.4	284.5			16	5.0	248	301.3	324.4	286.3	1	
		18	21.5	210	335.7	379.3	288.8			18	4.6	248	302.4	322.1	291.1	1	
		20	19.8	210	339.4	381.2	292.9			20	4.5	248	303.1	322.4	291.5	1	
		22	18.4	210	340.1	380.4	301.3			22	4.6	217	303.4	322.4	292.4	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23041	01	00	12.1	155	286.0	322.0	263.1		07	00	14.8	186	318.5	356.2	281.0	1	
		02	11.6	155	287.2	321.6	263.1			02	13.5	186	321.6	351.9	284.3	1	
		04	11.2	155	287.8	320.6	263.8			04	12.9	186	324.2	352.4	283.5	1	
		06	11.0	155	288.3	321.7	265.1			06	11.5	186	327.2	348.6	284.7	1	
		08	10.7	154	288.6	318.5	266.2			08	10.6	186	328.1	351.6	290.1	1	
		10	11.9	155	285.3	321.5	262.8			10	11.8	186	322.4	345.6	286.1	1	
		12	12.8	155	280.7	323.8	258.6			12	14.3	186	314.8	349.0	276.8	1	
		14	13.3	155	277.2	318.5	254.2			14	15.1	186	307.5	350.2	273.7	1	
		16	13.6	155	276.3	319.4	252.5			16	15.9	186	305.1	346.4	273.9	1	
		18	12.9	155	278.7	318.3	257.0			18	17.7	186	305.9	357.3	274.6	1	
		20	11.4	155	282.4	319.4	260.3			20	17.1	186	313.0	354.1	276.0	1	
		22	11.8	155	284.5	319.8	262.7			22	16.0	186	316.4	359.3	277.6	1	
23041	02	00	13.0	141	287.0	325.7	260.9		08	00	16.9	186	312.0	347.1	274.8	1	
		02	12.1	141	289.2	323.3	264.7			02	15.9	185	314.5	347.2	278.0	1	
		04	11.7	141	290.1	323.3	268.6			04	14.5	184	316.0	344.2	280.5	1	
		06	11.2	141	290.0	320.9	271.4			06	13.7	186	318.9	350.8	282.6	1	
		08	11.5	141	290.4	322.4	268.2			08	13.0	186	321.5	348.7	288.2	1	
		10	12.5	141	287.1	317.4	264.5			10	13.4	186	316.4	345.7	274.9	1	
		12	14.1	141	282.3	318.4	258.0			12	14.8	186	308.2	350.0	265.5	1	
		14	15.0	141	278.0	312.4	251.8			14	16.6	184	301.3	347.0	264.0	1	
		16	15.1	141	276.0	314.1	251.5			16	17.3	186	298.0	347.9	256.2	1	
		18	14.6	141	277.2	311.9	256.3			18	17.3	186	297.5	347.3	258.6	1	
		20	14.2	141	282.8	321.7	256.4			20	17.5	186	305.1	347.3	265.8	1	
		22	13.7	141	285.0	323.6	258.6			22	17.3	186	308.6	348.9	270.5	1	
23041	03	00	15.1	155	284.1	323.9	255.6		09	00	19.7	180	307.7	349.6	261.7	1	
		02	14.2	155	285.8	327.5	256.2			02	19.2	180	310.4	346.1	264.4	1	
		04	13.6	155	286.6	323.4	261.0			04	18.6	180	312.0	348.0	268.2	1	
		06	13.1	155	287.6	325.4	259.6			06	18.1	180	313.5	348.1	269.4	1	
		08	13.9	155	287.8	323.7	258.8			08	19.3	180	314.0	347.7	269.3	1	
		10	15.5	154	283.5	327.5	253.7			10	19.2	180	310.6	352.8	258.5	1	
		12	15.2	155	277.9	322.1	250.2			12	20.9	180	303.8	350.9	250.3	1	
		14	15.1	155	272.9	311.2	249.0			14	21.4	180	296.8	347.9	247.7	1	
		16	14.7	155	270.7	315.0	243.9			16	22.3	180	295.1	347.5	247.4	1	
		18	15.4	155	271.9	313.0	245.8			18	22.3	180	296.5	346.5	247.6	1	
		20	15.5	155	278.0	322.8	250.0			20	21.2	180	301.8	344.9	255.3	1	
		22	15.6	155	281.5	323.5	250.0			22	20.6	180	304.8	344.1	256.4	1	
23041	04	00	17.4	150	289.6	333.6	259.4		10	00	16.7	186	298.5	338.8	268.9	1	
		02	17.0	150	292.2	332.5	261.3			02	16.5	186	300.8	341.4	269.9	1	
		04	16.9	150	293.6	337.0	265.8			04	15.9	186	301.8	342.7	266.6	1	
		06	16.2	150	294.8	335.8	265.9			06	15.6	186	303.1	341.4	268.9	1	
		08	17.1	150	293.1	336.7	260.1			08	16.5	186	302.1	340.4	266.5	1	
		10	17.4	150	287.7	333.7	256.8			10	17.2	186	298.6	339.1	269.2	1	
		12	17.7	150	282.7	328.6	250.7			12	17.5	186	293.3	337.0	263.6	1	
		14	18.8	150	279.0	331.9	242.7			14	18.4	186	288.5	344.0	256.3	1	
		16	18.5	150	276.5	323.5	240.3			16	18.0	186	286.8	335.7	256.0	1	
		18	18.7	150	277.2	324.8	240.7			18	17.4	186	289.5	337.6	258.5	1	
		20	19.0	150	284.2	330.1	247.7			20	17.3	180	294.1	341.1	263.7	1	
		22	19.1	150	288.4	333.2	249.7			22	17.2	186	296.5	340.8	267.1	1	
23041	05	00	21.1	155	302.8	343.8	257.0		11	00	12.7	164	288.8	324.5	267.7	1	
		02	20.0	155	306.8	340.6	261.2			02	11.8	164	290.0	323.5	270.4	1	
		04	19.6	155	308.4	340.4	262.2			04	11.2	164	290.2	323.8	272.3	1	
		06	18.5	155	310.9	340.2	264.3			06	10.9	164	290.6	323.4	269.9	1	
		08	19.5	155	310.1	344.5	261.3			08	11.3	164	289.9	324.7	273.2	1	
		10	20.3	155	304.0	341.1	256.0			10	12.2	164	286.4	323.7	265.6	1	
		12	22.0	155	296.1	336.1	248.8			12	12.3	164	281.7	322.5	255.5	1	
		14	23.2	155	289.5	335.7	246.2			14	12.3	164	277.5	314.0	253.5	1	
		16	24.2	155	286.1	338.2	244.9			16	12.3	164	276.9	315.7	253.5	1	
		18	24.7	155	287.2	336.1	244.3			18	11.7	164	280.3	323.6	256.7	1	
		20	16.8	15	273.5	306.5	254.1			20	12.0	164	285.0	320.9	263.2	1	
		22	22.1	155	299.3	340.7	255.7			22	12.6	164	287.3	322.1	264.2	1	
23041	06	00	16.0	150	313.9	344.8	260.9		12	00	11.8	155	286.0	318.3	262.3	1	
		02	15.2	150	317.4	350.3	260.6			02	11.3	155	287.3	323.2	267.2	1	
		04	13.8	150	320.6	353.1	262.8			04	10.6	155	287.5	320.4	268.2	1	
		06	12.1	150	324.2	350.8	269.2			06	10.7	155	287.4	325.8	269.8	1	
		08	11.1	149	325.0	354.5	268.5			08	10.6	155	288.0	324.9	267.0	1	
		10	11.5	150	318.2	339.3	266.9			10	12.0	155	285.6	322.8	261.9	1	
		12	15.0	150	308.8	341.4	266.4			12	12.8	155	281.8	327.0	250.9	1	
		14	16.8	150	299.8	338.0	256.9			14	12.8	155	279.0	317.7	248.5	1	
		16	17.0	150	295.7	329.5	247.4			16	12.9	155	277.4	317.7	246.5	1	
		18	18.0	150	296.1	342.0	247.4			18	12.2	155	279.7	316.3	252.0	1	
		20	17.5	150	304.9	339.3	255.1			20	11.6	155	283.2	319.2	257.6	1	
		22	16.2	150	310.1	341.3	258.2			22	11.6	154	285.2	317.8	263.8	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23044	01	00	8.7	217	268.2	296.5	251.8		07	00	15.8	248	295.6	332.9	253.7	1	
		02	8.4	217	269.0	294.3	253.4			02	14.8	248	298.6	330.8	252.3	1	
		04	8.1	217	269.5	295.2	251.7			04	14.3	248	300.2	331.1	258.5	1	
		06	7.6	217	270.3	294.5	256.1			06	13.4	248	301.6	326.5	258.9	1	
		08	7.8	217	270.0	293.8	254.7			08	13.2	248	298.5	327.9	253.7	1	
		10	8.7	217	266.8	293.9	249.3			10	13.1	248	292.7	327.6	252.5	1	
		12	9.1	217	263.8	294.9	247.0			12	14.2	248	286.2	326.4	249.8	1	
		14	9.4	217	261.4	292.4	242.4			14	15.2	248	280.9	330.2	250.2	1	
		16	10.4	217	261.6	295.9	242.0			16	16.2	248	279.3	327.8	247.2	1	
		18	9.9	217	264.4	298.1	243.5			18	16.5	248	282.2	331.0	247.4	1	
		20	9.6	217	265.9	296.6	247.4			20	17.5	248	289.9	330.3	252.4	1	
		22	8.9	217	267.3	296.7	250.1			22	16.7	248	293.8	331.8	248.3	1	
23044	02	00	7.8	197	264.5	286.2	244.7		08	00	14.4	248	292.9	323.2	261.6	1	
		02	7.9	197	266.0	286.6	247.7			02	14.1	248	295.5	325.8	259.5	1	
		04	7.6	197	266.9	285.7	248.0			04	14.0	248	297.8	329.5	261.5	1	
		06	7.4	197	268.1	290.3	250.0			06	13.1	248	299.2	322.6	263.1	1	
		08	7.9	197	267.3	295.6	249.4			08	12.0	247	296.6	324.1	262.1	1	
		10	8.4	197	263.2	296.9	247.5			10	11.8	248	290.9	326.7	264.6	1	
		12	8.4	197	259.8	297.1	244.8			12	12.2	248	284.4	324.9	256.7	1	
		14	8.5	196	256.4	296.3	241.0			14	12.8	248	278.7	324.1	253.5	1	
		16	9.0	197	255.5	294.9	237.7			16	13.3	248	276.2	321.4	246.4	1	
		18	9.0	197	258.5	298.5	239.8			18	14.0	248	279.6	318.2	250.2	1	
		20	8.4	197	261.1	290.1	241.2			20	14.7	248	285.0	324.0	250.1	1	
		22	7.9	197	262.8	284.6	243.6			22	14.8	248	289.2	325.5	253.7	1	
23044	03	00	9.7	217	260.7	292.8	243.8		09	00	18.2	240	282.1	324.4	250.2	1	
		02	9.3	217	262.0	294.6	242.8			02	18.2	240	283.4	323.1	246.1	1	
		04	8.9	217	263.4	295.3	243.9			04	18.0	240	285.0	320.4	247.4	1	
		06	8.7	217	264.6	295.4	245.2			06	17.9	240	286.4	322.9	248.8	1	
		08	8.9	217	262.7	295.4	244.3			08	17.8	240	285.2	321.4	248.1	1	
		10	8.6	217	258.7	292.3	242.4			10	16.5	240	281.2	318.7	246.0	1	
		12	8.8	217	255.2	292.8	240.4			12	16.1	240	275.5	314.2	242.8	1	
		14	9.1	217	252.2	286.5	234.2			14	16.0	240	270.7	318.2	243.0	1	
		16	9.3	217	251.2	288.5	234.6			16	16.4	240	269.5	310.5	239.6	1	
		18	9.9	217	254.0	295.0	239.5			18	16.9	240	273.5	319.0	244.3	1	
		20	10.1	217	257.0	296.6	240.8			20	17.6	240	277.3	324.4	246.6	1	
		22	9.8	217	258.9	292.1	242.7			22	18.2	240	280.2	322.6	247.3	1	
23044	04	00	12.8	210	260.9	292.9	239.6		10	00	15.5	248	274.6	328.7	249.6	1	
		02	12.5	210	262.8	297.1	240.5			02	15.3	248	275.6	330.0	248.5	1	
		04	12.3	210	264.3	299.3	244.0			04	15.0	248	276.5	326.7	251.6	1	
		06	11.9	210	265.4	297.7	246.5			06	14.6	248	277.7	324.6	251.9	1	
		08	12.0	210	263.5	293.3	246.5			08	15.2	248	276.1	328.4	249.7	1	
		10	11.6	210	259.4	294.8	241.2			10	14.8	248	272.7	321.5	246.3	1	
		12	11.2	210	255.1	303.3	238.4			12	14.8	248	268.6	319.8	244.8	1	
		14	10.0	210	251.3	286.6	234.9			14	14.4	248	265.3	322.8	239.6	1	
		16	10.3	210	249.7	288.9	234.4			16	14.6	248	264.3	317.5	238.9	1	
		18	11.0	210	252.1	286.8	236.3			18	15.0	248	268.6	331.3	245.6	1	
		20	11.7	210	255.7	293.0	238.2			20	15.5	248	271.3	330.0	247.4	1	
		22	12.2	210	258.5	293.8	239.6			22	15.4	248	273.0	329.0	249.4	1	
23044	05	00	15.5	217	261.6	308.9	238.2		11	00	7.0	240	266.1	290.2	248.8	1	
		02	15.6	217	263.6	304.0	239.7			02	7.4	240	267.3	299.5	249.7	1	
		04	15.4	217	265.3	303.6	242.5			04	7.2	240	268.2	297.0	251.2	1	
		06	14.6	217	266.5	305.3	244.2			06	6.4	240	269.3	296.4	253.5	1	
		08	14.1	217	263.7	304.2	243.5			08	6.8	240	267.1	298.3	249.5	1	
		10	13.5	217	259.0	302.7	237.1			10	7.0	240	263.2	302.0	246.2	1	
		12	12.3	217	254.5	299.0	235.2			12	7.4	240	259.8	299.5	248.0	1	
		14	12.3	217	251.8	304.1	231.9			14	7.0	240	257.3	293.7	243.4	1	
		16	11.7	216	250.1	299.9	233.1			16	7.3	240	257.6	290.2	241.9	1	
		18	13.3	217	251.8	306.8	233.6			18	7.0	240	261.3	295.5	245.3	1	
		20	14.7	217	255.9	304.6	236.2			20	7.6	240	263.2	300.3	245.5	1	
		22	15.4	217	259.1	304.1	236.5			22	7.3	239	265.0	294.8	246.4	1	
23044	06	00	20.3	210	269.8	322.8	237.0		12	00	8.1	217	267.9	293.6	252.0	1	
		02	20.1	210	272.9	323.9	241.2			02	7.8	217	268.6	293.0	252.2	1	
		04	19.7	210	275.9	321.5	244.1			04	7.6	217	269.2	293.5	248.7	1	
		06	18.8	210	277.9	318.9	244.2			06	7.3	217	269.8	294.8	252.1	1	
		08	18.9	210	274.3	317.7	240.2			08	7.4	217	269.0	294.0	251.6	1	
		10	17.7	210	267.0	312.9	238.4			10	8.5	217	266.2	295.5	247.5	1	
		12	15.8	210	261.2	302.6	234.2			12	9.1	217	263.2	293.8	247.3	1	
		14	14.4	209	257.4	292.4	233.1			14	9.7	217	260.9	293.7	246.4	1	
		16	15.0	210	256.0	310.1	231.0			16	9.8	217	260.9	296.5	246.3	1	
		18	17.5	210	258.5	316.8	233.9			18	9.6	217	264.0	297.1	248.5	1	
		20	19.5	210	264.3	321.8	235.6			20	9.2	217	265.6	295.1	246.1	1	
		22	19.7	210	267.2	322.7	236.1			22	8.6	217	267.0	295.0	248.1	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23050	01	00	5.5	217	256.2	273.3	241.7		07	00	15.9	248	275.1	311.4	233.2	1	
		02	5.3	217	256.7	274.2	241.7			02	15.7	247	277.8	309.7	232.1	1	
		04	5.1	217	257.1	273.2	243.3			04	15.0	248	279.5	309.4	233.2	1	
		06	4.7	217	257.6	273.5	244.5			06	14.3	247	281.2	311.0	237.9	1	
		08	4.9	217	257.5	275.5	246.7			08	13.0	248	278.3	308.6	232.6	1	
		10	5.5	217	255.3	275.5	241.8			10	13.4	248	271.6	312.7	226.0	1	
		12	6.7	217	251.7	275.2	235.9			12	13.9	248	264.4	311.5	223.5	1	
		14	7.4	217	249.3	277.6	232.4			14	14.1	248	258.3	304.0	225.5	1	
		16	7.6	217	249.8	279.2	230.7			16	16.3	248	257.9	302.7	220.6	1	
		18	6.8	217	252.5	278.7	235.2			18	17.9	248	263.3	313.9	227.0	1	
		20	6.2	216	254.2	277.2	238.0			20	18.2	248	269.4	309.9	227.2	1	
		22	5.7	217	255.3	274.6	239.5			22	16.8	248	273.0	309.8	228.9	1	
23050	02	00	5.6	197	254.2	270.3	239.9		08	00	14.7	247	278.5	311.8	238.5	1	
		02	5.3	197	255.0	268.6	241.3			02	14.1	248	280.3	309.8	242.8	1	
		04	5.0	197	255.9	269.7	241.8			04	13.6	248	281.6	311.5	243.8	1	
		06	4.8	197	256.3	269.7	240.9			06	13.0	248	283.1	310.0	249.6	1	
		08	5.0	197	255.6	270.4	239.9			08	12.2	248	281.0	309.0	249.8	1	
		10	5.9	197	252.2	272.3	236.8			10	11.4	248	274.1	307.9	240.7	1	
		12	6.4	197	248.0	267.9	231.1			12	11.7	248	266.9	298.6	238.9	1	
		14	7.1	197	245.2	273.7	226.9			14	12.7	248	260.5	306.2	231.2	1	
		16	7.7	197	245.1	276.0	227.7			16	14.9	247	261.0	309.9	233.6	1	
		18	7.2	197	248.7	270.5	230.1			18	16.0	248	266.1	310.8	236.2	1	
		20	6.8	197	250.9	271.0	235.4			20	16.1	248	271.7	305.7	236.3	1	
		22	6.4	197	252.9	270.3	238.1			22	15.8	248	275.3	313.9	239.8	1	
23050	03	00	8.3	217	250.0	278.9	233.7		09	00	15.8	240	262.0	302.1	235.2	1	
		02	7.8	217	251.1	277.1	235.4			02	15.6	240	264.1	304.1	235.7	1	
		04	7.2	217	251.9	277.6	236.0			04	15.5	240	265.5	304.2	237.1	1	
		06	6.9	217	253.1	278.5	238.1			06	14.5	240	267.1	302.9	238.8	1	
		08	7.4	217	251.4	278.5	234.1			08	14.6	240	266.1	300.2	234.9	1	
		10	8.6	217	247.1	282.3	229.6			10	14.6	240	261.0	295.1	233.7	1	
		12	9.0	217	243.2	278.1	225.8			12	14.7	240	255.8	295.3	230.1	1	
		14	9.3	217	240.1	281.4	223.4			14	15.2	240	250.8	301.7	225.9	1	
		16	9.5	217	240.0	281.8	223.1			16	16.1	239	251.0	300.1	228.0	1	
		18	9.6	217	243.2	285.5	225.7			18	16.5	240	254.5	301.1	230.7	1	
		20	9.0	217	246.4	279.3	229.7			20	16.5	240	257.9	304.5	230.9	1	
		22	8.5	217	248.2	278.7	232.4			22	16.7	240	260.2	304.3	231.8	1	
23050	04	00	10.8	210	250.3	277.4	230.1		10	00	12.5	248	257.4	302.0	236.8	1	
		02	10.5	209	252.0	278.7	230.8			02	12.2	248	258.9	297.7	238.6	1	
		04	10.0	210	253.4	279.5	234.6			04	12.0	248	260.2	300.1	238.1	1	
		06	9.6	210	254.8	279.9	236.7			06	11.5	248	261.1	300.2	242.9	1	
		08	9.9	210	252.3	281.1	231.8			08	11.7	248	259.5	301.3	239.6	1	
		10	10.1	210	247.2	281.6	229.7			10	11.3	248	255.1	292.4	237.0	1	
		12	9.8	210	242.6	276.9	223.5			12	11.0	248	250.2	290.2	232.9	1	
		14	10.2	210	239.2	277.7	224.5			14	11.0	248	246.2	285.4	224.3	1	
		16	10.5	210	238.5	273.4	222.4			16	11.4	248	246.6	286.0	227.2	1	
		18	11.0	210	241.3	277.3	225.2			18	12.0	248	251.0	294.7	228.3	1	
		20	11.1	210	245.7	276.3	229.7			20	12.3	248	252.9	303.0	232.1	1	
		22	11.2	210	248.3	278.4	229.1			22	12.6	248	255.1	302.8	234.7	1	
23050	05	00	12.6	217	251.8	287.1	228.8		11	00	6.5	240	254.1	276.0	239.8	1	
		02	12.5	217	253.7	280.5	231.4			02	6.0	240	255.1	275.0	241.6	1	
		04	11.7	217	255.4	279.4	233.7			04	5.6	240	256.1	274.6	240.9	1	
		06	11.3	217	256.2	281.3	236.1			06	5.4	240	257.1	275.4	243.5	1	
		08	11.5	217	253.6	281.7	231.1			08	5.7	240	255.9	272.1	241.4	1	
		10	11.2	217	247.7	277.4	227.7			10	6.4	240	252.5	275.3	237.7	1	
		12	11.0	217	242.4	279.1	221.1			12	6.6	240	248.6	275.5	231.6	1	
		14	10.7	217	238.9	277.7	218.9			14	7.2	240	245.5	274.5	224.8	1	
		16	11.3	217	238.3	273.9	218.7			16	7.3	240	246.8	276.4	228.7	1	
		18	12.5	217	241.1	278.7	219.3			18	6.8	240	249.8	275.8	236.0	1	
		20	12.9	217	245.9	281.5	224.4			20	7.0	238	251.4	274.4	237.2	1	
		22	12.8	217	248.9	286.0	227.5			22	6.6	229	253.0	275.6	238.5	1	
23050	06	00	17.1	209	253.2	304.6	225.1		12	00	5.6	248	256.0	273.3	238.7	1	
		02	17.2	210	255.4	305.3	228.5			02	5.2	248	256.8	271.0	240.6	1	
		04	17.1	210	258.1	304.4	229.3			04	5.3	248	257.4	273.7	237.4	1	
		06	16.8	210	259.4	302.0	229.4			06	5.0	248	257.8	270.7	238.2	1	
		08	15.8	210	255.8	302.4	227.3			08	5.1	248	257.3	272.1	246.0	1	
		10	15.4	210	249.9	292.2	224.9			10	5.6	248	255.1	272.4	242.9	1	
		12	15.0	210	244.2	291.8	220.9			12	6.2	248	251.7	270.1	239.0	1	
		14	14.0	210	239.6	287.1	216.1			14	6.7	248	249.0	270.3	234.1	1	
		16	15.1	210	238.2	306.4	215.3			16	6.8	248	250.4	269.5	230.5	1	
		18	15.9	210	241.3	299.0	216.2			18	6.2	248	253.1	272.2	235.6	1	
		20	16.8	210	246.3	309.5	218.3			20	5.8	248	254.1	272.2	236.9	1	
		22	16.7	210	249.9	297.3	221.8			22	5.7	248	255.4	271.3	239.0	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23062	01	00	5.9	248	253.6	266.4	233.9		07	00	13.2	248	277.2	306.0	243.7	1	
		02	5.8	248	253.7	267.9	234.9			02	13.2	248	277.2	303.7	234.2	1	
		04	6.2	248	254.1	291.8	235.8			04	12.6	248	277.6	303.8	241.2	1	
		06	5.8	248	253.7	271.4	235.9			06	12.8	248	276.9	303.6	229.8	1	
		08	5.9	248	252.9	266.1	234.3			08	13.5	248	273.2	303.5	238.8	1	
		10	7.3	248	249.7	265.1	230.8			10	15.6	248	265.5	300.6	225.4	1	
		12	8.4	248	246.7	263.4	221.1			12	16.4	248	258.8	300.1	225.0	1	
		14	8.4	248	246.4	264.1	223.3			14	17.5	248	257.1	304.1	218.5	1	
		16	7.9	247	248.7	263.5	226.0			16	18.7	248	259.6	304.6	224.4	1	
		18	6.7	248	252.1	264.6	233.7			18	18.2	248	265.4	309.5	224.7	1	
		20	7.0	128	253.1	269.9	236.4			20	16.5	248	271.4	307.9	230.7	1	
		22	6.3	248	253.5	269.1	234.0			22	14.7	248	275.6	308.8	235.7	1	
23062	02	00	6.1	226	254.6	270.4	235.9		08	00	12.6	248	276.0	312.4	244.0	1	
		02	6.0	226	254.6	271.2	237.1			02	11.9	248	276.6	306.5	248.8	1	
		04	5.6	226	254.6	270.3	236.5			04	11.5	248	277.0	307.2	250.3	1	
		06	5.4	226	254.6	267.5	235.3			06	11.8	247	276.1	307.4	245.1	1	
		08	6.0	225	252.8	265.8	233.7			08	12.5	248	270.7	308.5	243.3	1	
		10	8.1	226	248.8	266.4	225.5			10	14.5	245	262.8	302.5	229.5	1	
		12	8.8	226	245.8	265.2	223.8			12	15.2	248	256.6	293.0	223.2	1	
		14	8.9	226	244.9	264.1	221.7			14	16.3	248	254.4	304.7	227.5	1	
		16	8.8	226	246.4	262.0	224.1			16	17.5	248	257.4	307.7	224.9	1	
		18	7.6	226	250.9	264.0	229.2			18	17.0	248	263.7	310.1	227.7	1	
		20	6.9	225	253.1	269.3	232.3			20	15.2	241	270.7	313.6	240.0	1	
		22	6.5	226	254.1	268.1	234.1			22	13.9	248	273.8	314.7	245.3	1	
23062	03	00	7.0	217	254.2	271.5	237.6		09	00	12.9	240	265.2	299.7	237.8	1	
		02	6.7	217	254.3	270.2	234.1			02	12.3	240	265.3	302.1	231.0	1	
		04	6.4	217	254.7	270.3	236.5			04	11.8	240	265.8	300.7	237.8	1	
		06	6.3	217	254.9	266.9	236.1			06	11.8	240	265.5	300.7	235.9	1	
		08	7.6	217	251.5	268.0	231.1			08	13.0	240	262.2	297.7	233.5	1	
		10	9.1	216	247.2	266.2	225.3			10	14.7	240	255.6	293.0	223.4	1	
		12	9.5	217	244.1	266.1	221.7			12	15.0	240	250.1	291.1	223.5	1	
		14	9.7	217	242.6	266.5	221.6			14	15.0	240	248.2	287.8	218.9	1	
		16	9.7	216	243.7	266.9	221.9			16	15.3	240	249.9	292.6	222.8	1	
		18	8.8	217	248.3	266.4	225.1			18	14.9	240	256.5	298.6	228.4	1	
		20	8.0	217	251.5	272.3	230.3			20	14.2	240	261.0	299.6	231.8	1	
		22	7.6	217	253.2	271.4	232.5			22	13.2	240	264.0	300.2	236.2	1	
23062	04	00	8.8	210	256.8	276.2	227.4		10	00	8.9	247	256.5	286.2	237.0	1	
		02	8.7	210	257.0	277.6	227.0			02	8.9	248	256.9	285.4	234.9	1	
		04	8.1	210	257.3	277.7	227.6			04	8.5	248	257.3	282.5	237.4	1	
		06	8.5	210	256.6	278.2	232.0			06	8.5	247	257.0	281.3	235.9	1	
		08	9.8	210	253.0	275.1	224.3			08	9.3	248	253.4	278.7	232.8	1	
		10	11.7	210	248.2	279.1	217.6			10	11.1	248	247.5	275.8	224.2	1	
		12	11.9	210	245.3	275.3	215.5			12	12.0	248	243.7	276.7	220.1	1	
		14	12.8	210	243.5	278.4	214.8			14	11.5	248	241.8	275.0	220.4	1	
		16	12.8	210	244.1	276.8	214.9			16	11.7	248	243.9	276.5	223.1	1	
		18	12.6	210	248.6	278.3	217.4			18	10.6	248	250.1	290.0	228.6	1	
		20	11.2	210	252.7	278.9	219.7			20	9.6	248	254.1	290.9	235.9	1	
		22	10.0	209	255.4	278.1	226.7			22	9.0	248	255.6	289.4	235.8	1	
23062	05	00	10.8	216	264.4	287.3	234.0		11	00	6.9	240	254.5	270.6	232.7	1	
		02	9.9	217	264.8	288.7	233.4			02	6.7	240	254.7	271.7	234.2	1	
		04	9.3	217	265.0	290.3	238.3			04	6.4	240	255.1	270.6	235.9	1	
		06	9.8	217	263.7	287.7	235.3			06	6.1	240	255.2	267.9	236.8	1	
		08	11.9	217	259.1	285.0	228.4			08	6.9	240	253.4	275.0	237.2	1	
		10	13.6	217	253.7	282.6	223.6			10	8.6	240	248.7	272.2	230.9	1	
		12	14.1	217	250.2	282.8	222.8			12	9.5	240	245.8	272.4	226.4	1	
		14	14.7	217	249.1	283.3	222.1			14	9.9	240	244.9	271.7	224.8	1	
		16	14.8	217	250.5	285.9	222.8			16	9.0	240	247.9	271.5	229.3	1	
		18	14.1	217	254.7	286.1	226.3			18	8.0	240	252.1	272.3	231.7	1	
		20	12.3	217	260.5	287.6	221.7			20	7.3	240	253.8	272.3	232.9	1	
		22	11.5	217	263.2	291.0	231.6			22	7.1	240	254.6	272.6	233.9	1	
23062	06	00	14.1	210	270.0	300.1	229.8		12	00	6.4	248	254.0	267.1	233.3	1	
		02	13.6	210	269.8	296.6	228.4			02	6.4	248	254.1	268.3	234.1	1	
		04	12.6	210	270.2	298.8	239.5			04	6.4	248	254.2	267.4	232.3	1	
		06	12.9	209	269.0	299.4	240.3			06	6.1	248	254.1	266.7	235.2	1	
		08	14.2	210	264.2	296.0	228.0			08	6.4	248	253.0	266.8	230.9	1	
		10	16.6	210	257.3	297.0	221.4			10	7.7	248	249.1	265.9	228.6	1	
		12	17.1	210	251.5	296.1	220.0			12	8.5	248	246.5	265.4	225.4	1	
		14	17.6	210	250.3	295.6	217.4			14	8.7	248	245.9	264.3	226.1	1	
		16	17.2	210	252.3	298.2	219.0			16	7.6	247	249.4	267.9	229.8	1	
		18	16.4	210	258.2	298.2	223.0			18	7.0	248	252.5	267.4	233.3	1	
		20	15.6	210	265.3	300.8	222.4			20	6.5	248	253.6	267.5	236.0	1	
		22	14.1	210	269.1	299.0	228.5			22	6.2	247	254.1	267.8	235.2	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23066	01	00	4.0	217	264.3	272.9	254.2		07	00	17.9	186	267.8	309.1	236.3	1	
		02	3.8	217	264.6	273.4	254.8			02	17.0	186	270.6	310.6	238.5	1	
		04	3.9	217	264.6	273.1	252.3			04	16.2	186	271.9	312.1	241.6	1	
		06	3.7	248	264.7	273.5	250.5			06	16.2	248	272.9	316.6	242.6	1	
		08	3.6	248	264.7	274.4	251.9			08	14.4	176	272.6	313.5	244.5	1	
		10	4.1	248	263.5	275.5	251.2			10	15.6	248	265.5	310.3	229.0	1	
		12	4.3	248	262.1	274.1	250.0			12	16.0	248	260.2	310.6	224.5	1	
		14	5.0	247	260.6	273.5	247.6			14	16.8	231	256.0	305.6	224.0	1	
		16	5.0	248	261.0	272.1	246.8			16	17.7	248	254.3	311.0	223.7	1	
		18	4.3	248	263.4	274.9	251.8			18	19.4	248	257.9	309.6	223.9	1	
		20	4.2	247	263.9	273.7	253.6			20	18.3	248	261.7	309.6	230.1	1	
		22	3.9	248	264.3	273.8	253.7			22	17.8	248	265.3	311.0	231.8	1	
23066	02	00	4.5	198	263.1	278.1	247.2		08	00	16.5	186	270.0	305.0	243.3	1	
		02	4.3	198	263.3	274.9	245.4			02	15.7	185	271.8	312.1	247.1	1	
		04	4.1	197	263.2	275.6	247.6			04	15.5	186	272.7	309.6	246.7	1	
		06	3.9	226	263.8	273.5	245.3			06	16.1	248	275.1	310.3	242.4	1	
		08	4.3	226	263.3	275.4	245.4			08	15.7	248	273.4	314.3	240.2	1	
		10	5.0	226	261.1	277.3	243.6			10	15.8	248	268.7	306.5	240.8	1	
		12	5.6	226	259.0	275.6	247.0			12	17.0	248	264.0	312.6	230.6	1	
		14	6.7	225	257.2	274.0	234.7			14	17.5	245	258.7	304.3	222.9	1	
		16	7.1	226	258.0	275.0	238.2			16	19.0	248	257.4	310.2	227.2	1	
		18	5.8	226	261.3	274.6	246.7			18	19.5	248	260.8	308.4	226.9	1	
		20	5.3	226	262.2	276.0	246.9			20	19.5	247	264.5	318.4	232.7	1	
		22	4.8	226	262.8	278.8	245.4			22	18.7	248	267.5	311.7	235.6	1	
23066	03	00	7.2	217	259.7	276.5	239.1		09	00	12.9	180	262.4	300.5	238.6	1	
		02	6.9	217	259.7	275.7	239.6			02	12.2	180	263.6	298.4	243.9	1	
		04	6.4	216	260.0	275.6	240.9			04	11.7	180	264.9	297.4	242.4	1	
		06	6.0	248	260.7	275.6	240.1			06	12.2	240	266.5	305.3	247.2	1	
		08	6.6	248	259.1	274.3	240.6			08	12.4	240	265.3	302.0	242.6	1	
		10	7.3	248	255.9	275.5	234.1			10	12.9	240	260.9	300.8	243.4	1	
		12	8.5	248	253.0	274.4	234.3			12	14.5	240	256.1	302.1	234.7	1	
		14	8.7	248	250.9	273.5	230.9			14	14.2	239	251.9	298.2	233.1	1	
		16	9.3	248	250.8	276.1	230.8			16	15.1	240	251.0	302.4	231.7	1	
		18	9.3	248	254.4	276.2	234.0			18	15.3	240	256.0	300.8	229.7	1	
		20	8.6	248	256.9	276.0	233.8			20	15.6	240	258.6	301.3	230.5	1	
		22	7.8	248	258.5	277.1	235.9			22	14.6	240	260.6	303.0	239.2	1	
23066	04	00	9.3	211	258.4	282.1	235.0		10	00	10.3	215	259.1	289.2	239.3	1	
		02	8.7	211	259.4	282.2	237.0			02	9.4	215	260.3	284.4	240.9	1	
		04	8.3	211	260.5	281.6	237.5			04	9.2	215	260.9	283.2	242.4	1	
		06	8.0	240	260.7	281.8	240.9			06	9.5	248	262.9	301.7	243.5	1	
		08	8.6	240	257.6	283.1	235.7			08	9.9	248	261.4	298.0	242.9	1	
		10	9.4	240	253.5	283.3	232.5			10	10.0	248	257.2	298.1	241.3	1	
		12	9.9	240	250.3	283.7	229.0			12	10.0	247	253.1	293.2	237.3	1	
		14	10.4	240	247.6	286.1	227.7			14	11.2	248	251.0	295.0	234.0	1	
		16	10.6	240	246.8	279.8	229.3			16	11.2	248	251.3	303.2	231.2	1	
		18	11.1	239	249.9	281.5	231.2			18	11.4	248	255.8	300.5	236.8	1	
		20	10.5	240	254.1	283.2	230.4			20	11.0	248	257.9	295.7	238.6	1	
		22	9.7	240	256.3	283.1	231.9			22	11.0	248	259.3	296.5	236.8	1	
23066	05	00	11.5	186	259.7	289.4	237.1		11	00	6.6	210	263.1	281.9	241.6	1	
		02	10.7	186	261.2	291.4	240.4			02	5.9	209	263.6	281.9	243.6	1	
		04	10.0	186	262.2	290.2	242.4			04	5.5	210	264.2	281.6	249.6	1	
		06	10.1	217	263.0	292.6	241.1			06	5.3	240	264.7	283.0	251.7	1	
		08	10.3	217	259.6	289.2	235.8			08	5.8	240	264.1	281.6	248.9	1	
		10	10.8	217	254.8	287.7	234.4			10	6.5	240	261.4	281.2	247.1	1	
		12	11.0	217	250.6	286.0	230.6			12	7.2	239	258.8	278.6	243.1	1	
		14	10.9	217	247.7	284.5	228.6			14	7.9	240	256.7	284.0	239.6	1	
		16	11.9	217	246.8	285.1	224.2			16	8.2	239	258.2	283.4	239.4	1	
		18	11.9	217	249.3	286.5	228.3			18	7.9	240	261.3	285.1	244.1	1	
		20	11.9	217	254.0	286.6	229.5			20	7.5	240	262.4	281.8	244.7	1	
		22	11.6	217	257.0	289.2	233.7			22	6.7	240	263.3	282.4	239.9	1	
23066	06	00	14.2	180	255.0	295.2	236.0		12	00	3.9	217	264.0	275.8	247.5	1	
		02	13.1	179	257.6	294.7	236.6			02	3.8	217	264.1	274.1	249.6	1	
		04	12.9	180	259.6	293.8	240.3			04	3.6	217	264.2	273.1	248.0	1	
		06	12.9	210	260.6	295.6	240.2			06	3.4	248	264.4	274.8	248.2	1	
		08	12.6	210	257.8	299.3	236.6			08	3.5	248	264.4	274.4	249.0	1	
		10	12.5	210	251.8	295.1	228.0			10	3.9	248	262.9	274.5	253.0	1	
		12	13.0	209	247.5	301.5	225.8			12	4.4	248	261.2	274.4	249.7	1	
		14	13.1	209	244.3	298.6	223.4			14	5.0	247	259.7	274.6	247.5	1	
		16	13.5	209	243.1	292.7	224.7			16	4.8	248	261.2	274.5	248.6	1	
		18	14.0	207	245.0	296.4	225.1			18	4.2	248	263.1	274.6	248.9	1	
		20	14.0	210	249.0	294.8	229.3			20	4.0	248	263.5	274.7	251.0	1	
		22	14.1	210	252.4	302.0	231.1			22	3.9	242	263.9	273.8	252.4	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23154	01	04	4.6	105	250.6	259.6	233.0		07	04	13.9	124	254.1	288.3	234.9	1	
		06	5.4	31	249.4	259.9	236.5										
		10	5.7	105	247.9	259.1	230.4				10	13.3	124	243.1	283.1	215.5	1
		16	7.7	105	248.1	297.8	234.1				16	18.4	124	242.2	292.7	213.0	1
		22	4.5	105	250.5	261.7	234.4				22	16.8	124	251.5	290.1	226.9	1
23154	02	04	3.7	113	251.1	258.4	238.8		08	04	13.4	124	252.9	284.0	232.2	1	
		06	3.2	29	249.9	257.7	244.2										
		10	4.9	113	246.6	258.4	231.7				10	13.5	124	242.9	298.8	225.0	1
		16	6.0	114	244.8	257.2	230.4				16	16.8	124	239.5	291.2	216.1	1
		22	4.4	113	250.2	258.3	231.3				22	15.0	124	248.8	288.9	224.3	1
23154	03	04	4.2	124	248.8	256.0	234.4		09	04	9.1	119	247.7	284.4	227.9	1	
		06	4.9	31	248.7	255.6	235.6										
		10	6.6	124	242.0	257.9	225.5				10	10.1	120	237.5	274.8	221.4	1
		16	7.4	124	239.3	255.2	224.9				16	11.8	120	233.6	286.3	218.0	1
		22	5.4	124	247.7	257.1	231.1				22	10.1	120	243.9	288.1	230.8	1
23154	04	04	4.5	120	248.5	259.2	235.4		10	04	6.3	124	249.6	272.7	236.8	1	
		06	4.8	30	251.1	260.1	237.2				06	6.5	18	251.9	269.4	241.6	1
		10	7.5	120	239.9	261.6	224.9				10	9.1	124	241.8	267.7	222.7	1
		16	8.6	120	236.7	262.8	220.2				16	9.5	124	238.2	261.9	220.5	1
		22	6.5	120	246.0	260.4	228.4				22	7.3	124	247.6	265.0	232.9	1
23154	05	04	5.7	93	247.7	263.5	234.3		11	04	4.7	120	251.2	262.8	231.0	1	
								06			5.7	30	249.5	258.1	231.6	1	
		10	7.9	93	237.1	261.2	218.8				10	6.5	120	246.7	262.4	224.4	1
		16	10.4	93	234.6	265.4	217.9				16	6.7	120	245.8	264.9	228.0	1
		22	8.3	93	245.5	271.5	225.0				22	5.2	120	251.1	264.7	236.0	1
23154	06	04	9.0	90	248.2	278.2	233.8		12	04	3.5	124	251.8	259.9	235.8	1	
								06			3.6	31	251.6	260.9	243.4	1	
		10	10.2	90	236.8	271.2	219.0				10	4.2	124	249.1	263.8	234.5	1
		16	11.5	90	233.5	269.0	215.2				16	4.8	124	249.1	261.3	235.3	1
		22	11.6	90	244.9	281.7	223.9				22	3.4	124	251.8	262.4	238.8	1

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23167	01	00	7.1	248	320.5	340.5	300.3		07	00	10.2	279	320.8	349.5	287.7	1	
		02	6.9	248	320.6	340.0	300.1			02	9.9	279	323.1	365.8	295.5	1	
		04	6.6	248	320.3	339.1	302.7			04	9.2	279	324.6	355.9	294.9	1	
		06	6.3	248	320.3	340.9	304.1			06	9.6	279	324.7	354.6	299.4	1	
		08	6.7	248	320.6	338.9	303.8			08	10.9	279	321.3	356.6	289.6	1	
		10	8.6	248	320.0	339.6	294.3			10	11.6	279	317.8	351.6	285.3	1	
		12	9.9	248	317.1	339.5	289.8			12	12.5	279	310.3	342.0	277.6	1	
		14	10.9	247	315.2	346.2	289.5			14	12.1	279	302.2	338.8	269.1	1	
		16	10.8	247	316.6	343.6	293.2			16	12.5	279	298.9	358.2	267.7	1	
		18	8.9	248	320.3	344.8	297.2			18	12.2	279	303.5	348.9	271.1	1	
		20	7.9	248	320.9	342.2	300.1			20	11.1	279	312.4	344.8	274.6	1	
		22	7.4	248	321.2	342.1	300.7			22	10.3	278	317.4	350.2	284.9	1	
23167	02	00	6.2	226	321.1	340.7	303.2		08	00	8.2	278	324.5	345.4	292.1	1	
		02	5.9	226	320.5	339.8	304.2			02	7.5	279	326.2	343.3	302.2	1	
		04	5.8	225	320.1	341.8	303.2			04	6.9	279	327.3	344.8	307.2	1	
		06	5.6	226	319.8	337.4	304.6			06	6.7	279	327.6	344.5	307.7	1	
		08	6.4	226	320.1	338.7	305.6			08	8.2	278	324.5	349.0	299.4	1	
		10	9.0	226	317.8	341.8	296.0			10	9.3	279	319.4	349.2	288.8	1	
		12	10.5	226	313.6	341.8	293.6			12	11.2	279	312.0	344.8	278.8	1	
		14	11.0	226	310.6	341.0	289.6			14	11.4	278	303.3	335.9	273.2	1	
		16	11.2	226	311.2	341.2	288.9			16	11.0	279	300.3	338.5	274.9	1	
		18	9.7	226	318.2	342.2	296.1			18	10.4	278	307.8	342.7	283.0	1	
		20	8.2	226	320.9	341.0	298.9			20	9.3	279	315.1	346.0	283.9	1	
		22	7.0	226	321.2	341.0	305.3			22	8.8	279	320.9	351.4	296.7	1	
23167	03	00	6.6	248	320.1	342.6	299.9		09	00	9.9	240	326.2	352.8	295.4	1	
		02	6.4	248	319.8	337.8	292.6			02	9.7	240	327.2	350.9	300.8	1	
		04	5.9	248	319.5	339.2	289.7			04	9.5	240	327.1	354.8	296.9	1	
		06	5.5	248	319.4	339.4	298.5			06	8.9	240	327.5	353.9	300.3	1	
		08	7.1	248	318.4	336.5	295.6			08	9.7	240	324.3	354.9	298.7	1	
		10	8.5	248	314.1	333.9	288.5			10	10.3	240	318.6	343.3	283.4	1	
		12	9.3	248	309.3	330.8	285.5			12	10.8	240	312.1	341.5	279.4	1	
		14	10.3	248	306.4	336.8	277.1			14	11.4	240	305.5	333.5	278.5	1	
		16	11.3	248	305.9	338.9	276.9			16	12.1	240	303.6	335.4	275.1	1	
		18	9.8	247	313.6	341.9	283.9			18	11.2	240	312.9	340.6	284.1	1	
		20	8.5	248	318.1	340.6	291.9			20	10.6	240	319.1	344.0	286.7	1	
		22	7.6	248	319.8	343.6	295.9			22	10.3	240	322.5	343.2	288.6	1	
23167	04	00	8.1	240	322.6	342.5	303.7		10	00	9.2	248	320.5	347.8	299.7	1	
		02	7.3	240	323.1	341.6	305.8			02	8.9	248	321.3	346.6	296.2	1	
		04	6.4	240	323.0	340.6	308.7			04	8.7	248	321.2	346.7	297.8	1	
		06	6.4	240	322.7	338.6	303.3			06	8.6	248	321.3	346.8	298.4	1	
		08	7.9	239	318.7	338.1	299.2			08	10.2	248	319.8	345.6	297.1	1	
		10	9.3	240	314.0	337.9	291.2			10	11.4	248	314.1	343.5	288.0	1	
		12	10.4	240	308.8	340.5	286.7			12	11.8	248	308.2	343.7	279.7	1	
		14	10.8	239	304.4	340.3	281.0			14	12.1	248	304.1	344.0	276.0	1	
		16	11.6	240	303.4	336.1	276.3			16	12.0	248	304.6	337.2	279.3	1	
		18	11.0	240	309.3	335.5	285.9			18	11.5	248	313.1	349.1	287.9	1	
		20	9.9	240	316.6	338.4	290.5			20	10.4	248	317.1	349.2	294.0	1	
		22	9.1	240	320.5	339.8	292.4			22	9.8	248	319.0	347.0	296.4	1	
23167	05	00	8.7	248	319.7	345.4	292.2		11	00	9.4	240	321.6	354.1	294.0	1	
		02	8.1	248	322.0	344.7	297.2			02	9.1	240	321.7	353.9	297.2	1	
		04	7.2	248	322.8	343.7	301.2			04	8.8	240	321.3	357.6	297.8	1	
		06	7.2	248	322.4	350.6	303.0			06	8.8	240	321.0	351.5	298.0	1	
		08	8.7	248	317.1	342.4	293.9			08	10.3	240	321.3	354.2	294.0	1	
		10	9.5	248	312.7	334.3	283.6			10	13.0	240	319.1	351.5	280.5	1	
		12	9.9	248	306.5	331.6	281.2			12	13.7	240	315.4	350.6	282.8	1	
		14	10.4	246	300.9	329.0	276.2			14	14.5	240	312.6	359.5	278.5	1	
		16	11.0	248	298.7	332.5	277.6			16	13.8	239	315.2	358.4	278.7	1	
		18	11.2	248	302.9	331.3	279.9			18	12.2	240	320.4	359.3	285.5	1	
		20	10.6	248	311.6	337.4	288.4			20	11.2	240	321.6	359.2	290.9	1	
		22	9.7	248	315.9	338.2	289.7			22	10.0	240	321.8	359.3	293.9	1	
23167	06	00	8.2	240	318.1	342.7	295.8		12	00	6.6	248	322.3	344.8	296.5	1	
		02	7.6	240	320.9	342.6	299.9			02	6.6	248	322.1	345.4	293.6	1	
		04	7.5	240	321.7	341.5	285.1			04	6.5	248	321.6	345.8	297.3	1	
		06	7.0	240	321.3	344.1	292.7			06	6.4	248	321.6	342.2	301.9	1	
		08	8.3	240	316.6	342.8	294.5			08	6.7	248	322.0	341.3	300.2	1	
		10	9.5	240	312.1	335.9	284.8			10	8.0	247	321.3	342.6	295.7	1	
		12	10.4	240	305.7	336.5	274.2			12	9.6	248	318.8	341.9	289.2	1	
		14	10.8	240	300.5	340.0	272.9			14	10.2	248	317.2	340.3	285.6	1	
		16	11.4	240	296.6	341.4	274.7			16	9.4	248	319.3	346.1	291.5	1	
		18	10.5	240	300.2	339.3	277.6			18	8.0	248	322.4	341.1	298.5	1	
		20	9.5	240	309.2	335.4	283.2			20	7.1	248	322.8	341.1	296.7	1	
		22	8.8	240	314.5	334.8	288.0			22	6.8	248	322.7	341.4	299.0	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23169	01	00	7.7	237	286.0	308.8	264.9		07	00	25.7	217	283.7	351.4	246.5	1	
		02	7.4	248	286.7	307.9	263.3			02	25.0	217	285.6	350.5	250.3	1	
		04	6.8	248	286.9	304.9	263.9			04	25.3	217	288.3	350.6	248.9	1	
		06	6.7	246	287.6	305.7	266.3			06	25.6	217	286.6	348.7	247.0	1	
		08	7.8	248	285.9	308.1	265.7			08	24.6	217	281.8	341.1	243.2	1	
		10	8.3	248	281.4	306.0	254.5			10	24.0	217	277.7	349.3	239.9	1	
		12	8.7	248	277.9	303.4	253.1			12	22.8	216	272.6	345.1	235.7	1	
		14	9.4	248	276.3	306.2	253.8			14	23.4	217	269.5	353.0	234.9	1	
		16	9.7	248	277.6	308.4	258.3			16	24.1	217	268.8	342.9	234.6	1	
		18	8.9	248	282.7	308.0	263.5			18	24.3	217	271.3	346.5	235.5	1	
		20	8.6	248	284.3	309.5	264.6			20	24.9	217	278.0	355.8	241.3	1	
		22	8.3	248	285.4	309.7	264.7			22	25.1	217	281.7	352.9	245.5	1	
23169	02	00	7.6	220	280.4	303.9	259.2		08	00	24.4	216	281.9	352.7	248.7	1	
		02	7.1	226	281.4	305.8	260.1			02	24.0	216	284.2	353.9	253.7	1	
		04	6.8	226	282.3	305.0	265.9			04	24.0	217	285.5	350.8	255.0	1	
		06	6.6	225	283.4	304.0	267.5			06	24.1	217	285.5	350.7	252.7	1	
		08	6.8	226	279.2	302.8	265.4			08	22.8	217	279.9	347.6	248.3	1	
		10	7.1	226	274.4	301.2	259.8			10	21.8	217	275.0	336.8	245.1	1	
		12	6.8	225	270.2	300.5	258.0			12	20.8	216	269.6	341.2	241.0	1	
		14	7.2	225	268.0	302.5	251.7			14	20.6	217	266.2	339.9	238.5	1	
		16	7.6	226	267.8	302.6	253.5			16	21.6	217	265.0	348.6	236.1	1	
		18	7.8	225	274.4	302.1	258.6			18	23.1	217	269.4	356.2	237.7	1	
		20	7.6	226	277.3	301.2	263.1			20	23.9	216	275.1	359.4	243.9	1	
		22	7.5	225	279.1	304.8	262.3			22	23.9	217	278.3	354.0	245.7	1	
23169	03	00	10.0	247	275.5	308.5	254.0		09	00	16.4	210	271.7	350.2	249.0	1	
		02	9.4	248	276.7	308.3	258.0			02	16.3	210	273.4	336.0	249.7	1	
		04	8.8	248	277.5	307.6	256.6			04	16.4	210	275.5	345.1	250.3	1	
		06	8.8	248	278.4	307.3	258.1			06	16.4	210	275.7	342.0	253.6	1	
		08	9.0	247	272.9	303.7	255.1			08	16.9	210	270.4	340.8	249.0	1	
		10	9.2	248	268.7	304.6	247.7			10	16.6	210	266.6	338.1	245.4	1	
		12	9.5	248	265.2	306.6	247.1			12	17.0	210	262.1	346.3	242.0	1	
		14	10.1	248	262.9	304.5	242.5			14	16.1	210	259.0	338.3	241.1	1	
		16	9.9	248	262.5	305.4	243.1			16	15.5	210	257.8	336.3	238.0	1	
		18	10.3	248	267.6	306.0	247.9			18	16.5	210	263.8	344.4	240.6	1	
		20	10.5	248	271.5	306.9	250.2			20	17.2	210	267.1	352.1	247.9	1	
		22	10.5	248	273.3	310.4	251.9			22	16.9	209	269.3	349.3	250.6	1	
23169	04	00	11.7	209	273.5	313.5	254.0		10	00	9.1	217	273.8	310.2	254.5	1	
		02	11.7	206	275.4	314.6	254.1			02	9.5	216	275.1	331.8	254.6	1	
		04	11.1	209	277.1	312.1	258.6			04	9.2	217	276.3	324.5	255.7	1	
		06	11.4	207	276.3	314.1	256.7			06	9.4	217	277.2	333.8	260.0	1	
		08	11.9	203	270.8	310.2	247.8			08	10.0	217	271.3	325.9	252.4	1	
		10	10.9	209	266.1	308.5	247.7			10	10.1	217	266.8	311.5	250.3	1	
		12	10.9	209	262.5	306.5	242.1			12	9.8	217	263.5	304.6	247.9	1	
		14	11.4	209	259.8	307.4	240.4			14	9.2	217	261.8	297.9	245.3	1	
		16	11.3	209	259.1	305.9	243.3			16	9.3	217	262.0	306.9	246.1	1	
		18	11.6	210	263.1	308.1	247.1			18	9.3	217	268.3	312.9	251.7	1	
		20	12.9	209	268.8	312.9	250.6			20	9.4	217	270.2	308.0	252.8	1	
		22	12.8	210	271.1	312.2	252.1			22	9.3	217	272.1	308.7	252.3	1	
23169	05	00	11.2	211	269.9	316.0	252.5		11	00	9.2	209	280.4	322.1	257.1	1	
		02	10.4	211	271.6	319.3	247.9			02	8.7	209	281.2	318.2	257.9	1	
		04	10.3	217	273.8	318.4	248.6			04	8.3	210	282.0	311.4	265.8	1	
		06	10.7	217	271.7	317.6	243.9			06	8.3	210	283.1	308.1	266.7	1	
		08	10.4	217	267.0	315.3	242.3			08	9.5	209	279.0	312.3	261.7	1	
		10	9.9	212	262.8	303.8	238.3			10	9.7	210	273.9	313.0	256.4	1	
		12	10.5	217	259.2	303.4	238.6			12	9.5	210	270.6	312.8	253.2	1	
		14	10.3	217	256.8	316.7	236.0			14	9.6	209	268.6	319.8	252.2	1	
		16	10.0	217	255.7	311.2	236.2			16	9.8	209	270.7	320.0	253.6	1	
		18	11.4	217	258.8	315.1	241.6			18	9.3	210	275.9	322.3	259.0	1	
		20	10.9	213	264.2	316.5	246.4			20	9.4	210	278.0	322.9	259.5	1	
		22	11.2	216	266.7	318.5	247.3			22	9.1	210	279.4	322.2	257.0	1	
23169	06	00	13.5	210	265.5	326.8	246.2		12	00	7.8	229	284.4	306.8	262.0	1	
		02	13.1	210	268.4	333.9	250.6			02	7.3	230	285.3	307.4	267.2	1	
		04	11.8	210	270.5	321.9	253.3			04	7.2	230	285.6	309.3	263.0	1	
		06	12.4	209	267.9	317.7	250.2			06	6.7	230	286.1	307.7	267.8	1	
		08	11.6	210	264.3	312.4	244.9			08	7.0	230	283.7	307.9	266.9	1	
		10	11.2	210	260.2	309.7	237.1			10	7.9	230	278.5	308.2	262.2	1	
		12	11.5	210	255.8	323.5	232.5			12	8.2	230	275.1	305.5	256.3	1	
		14	10.9	210	252.9	320.9	234.6			14	8.7	230	273.5	304.1	255.4	1	
		16	11.9	210	252.0	325.0	234.3			16	8.7	231	275.9	308.6	261.1	1	
		18	12.6	210	254.0	318.7	235.5			18	8.3	231	280.4	308.2	264.5	1	
		20	13.4	210	259.4	336.3	241.9			20	8.1	231	282.3	308.5	265.4	1	
		22	13.4	210	262.5	322.3	245.2			22	7.9	231	283.4	309.3	265.5	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23183	01	00	9.0	204	304.9	326.2	278.1		07	00	22.3	248	325.7	369.3	281.9	1	
		02	8.5	191	304.8	326.6	276.0			02	23.1	248	327.5	371.3	275.6	1	
		04	8.0	205	305.4	328.3	276.8			04	22.6	248	330.1	372.6	278.8	1	
		06	7.6	198	305.2	323.9	280.5			06	22.5	247	331.1	375.2	283.5	1	
		08	8.2	195	304.4	329.3	274.0			08	23.5	247	325.8	376.8	273.8	1	
		10	10.1	188	301.0	325.7	271.5			10	23.4	246	319.3	372.8	260.0	1	
		12	11.0	190	296.3	324.5	269.6			12	23.3	247	313.3	366.5	248.0	1	
		14	11.1	196	292.4	323.0	268.0			14	22.9	248	308.2	365.6	251.1	1	
		16	11.2	192	292.1	323.0	268.1			16	22.0	248	305.1	369.8	250.6	1	
		18	10.6	198	298.7	323.1	274.4			18	22.8	248	306.1	370.2	257.0	1	
		20	9.3	194	303.5	326.8	280.9			20	22.8	248	316.1	377.1	266.1	1	
		22	9.5	199	304.8	325.4	277.4			22	22.3	248	323.2	373.6	270.8	1	
23183	02	00	8.9	191	299.7	332.0	276.4		08	00	19.6	247	329.5	378.3	287.7	1	
		02	8.2	189	300.7	327.8	277.2			02	19.2	248	330.5	374.6	291.2	1	
		04	7.9	193	301.5	325.7	276.4			04	19.3	248	331.9	372.7	284.2	1	
		06	7.2	186	301.3	326.6	277.0			06	19.4	248	333.7	374.4	289.9	1	
		08	8.1	182	300.1	327.2	277.2			08	20.6	248	327.8	369.2	285.0	1	
		10	9.9	183	294.5	323.8	268.1			10	20.7	248	321.4	369.9	272.2	1	
		12	10.4	187	289.3	328.1	265.2			12	21.5	248	314.8	366.8	265.8	1	
		14	10.3	185	285.6	324.4	264.3			14	21.5	248	309.2	364.9	267.7	1	
		16	10.2	184	284.1	321.2	265.7			16	21.4	248	306.6	364.3	261.2	1	
		18	10.0	181	289.2	322.0	269.7			18	20.9	248	308.7	365.5	271.1	1	
		20	10.0	184	295.4	329.2	269.6			20	20.2	248	319.7	370.2	277.2	1	
		22	10.0	179	298.5	332.0	270.8			22	20.5	248	325.6	376.9	284.4	1	
23183	03	00	10.8	217	297.4	331.8	272.5		09	00	18.6	240	316.0	373.0	276.0	1	
		02	10.3	217	298.9	332.4	274.6			02	18.2	240	316.8	368.2	282.2	1	
		04	9.7	216	299.6	334.0	273.4			04	18.6	240	317.1	366.1	281.9	1	
		06	9.4	217	300.5	332.1	277.4			06	18.0	240	316.9	371.2	280.1	1	
		08	10.5	217	297.7	332.2	266.9			08	18.7	240	311.5	366.5	277.5	1	
		10	11.5	217	292.2	332.6	266.1			10	18.3	240	306.2	368.2	272.1	1	
		12	11.9	217	287.4	335.6	265.3			12	18.8	240	300.4	368.7	265.7	1	
		14	12.3	216	283.6	336.2	259.1			14	19.1	240	295.2	364.9	262.3	1	
		16	12.3	217	281.9	335.7	264.0			16	19.1	240	293.7	363.1	256.7	1	
		18	11.9	217	285.2	335.0	267.3			18	18.1	240	299.8	357.9	267.6	1	
		20	11.5	217	291.5	335.8	268.7			20	18.3	240	310.4	370.2	273.4	1	
		22	11.3	217	295.1	334.5	269.0			22	18.0	240	314.3	371.2	272.5	1	
23183	04	00	11.6	210	296.5	332.0	270.6		10	00	12.5	248	304.7	351.2	281.8	1	
		02	10.9	209	298.0	334.7	275.9			02	12.4	248	305.1	355.4	277.6	1	
		04	10.6	210	299.6	329.9	278.5			04	12.3	248	305.2	350.2	285.9	1	
		06	10.4	210	300.4	328.3	277.4			06	11.9	248	305.3	350.7	276.5	1	
		08	11.3	210	296.2	327.6	272.0			08	13.4	248	301.1	351.2	276.2	1	
		10	12.3	209	290.4	332.6	268.8			10	14.5	248	295.2	347.4	265.9	1	
		12	12.5	209	284.9	326.1	260.7			12	14.1	247	290.8	341.7	259.8	1	
		14	12.9	209	281.4	326.9	259.6			14	13.9	248	286.7	348.1	256.9	1	
		16	12.8	210	279.7	324.8	257.0			16	13.8	248	286.4	346.1	261.1	1	
		18	12.6	210	281.8	328.1	262.8			18	11.7	248	296.3	345.6	271.2	1	
		20	12.5	210	289.8	328.9	265.3			20	11.6	248	303.0	344.4	274.3	1	
		22	11.9	210	294.3	330.0	269.9			22	12.0	248	305.1	347.3	276.3	1	
23183	05	00	10.4	217	291.7	342.0	272.4		11	00	10.1	239	301.8	333.7	274.9	1	
		02	10.0	217	293.3	338.5	271.3			02	9.7	240	301.8	331.4	273.7	1	
		04	10.0	217	294.7	340.4	267.2			04	9.4	240	301.4	332.2	273.3	1	
		06	9.8	217	294.9	341.4	277.7			06	9.2	240	301.8	332.7	277.0	1	
		08	9.8	217	289.8	337.5	273.1			08	10.3	240	298.8	333.3	276.3	1	
		10	10.3	217	284.4	330.2	264.5			10	12.2	240	293.2	331.5	269.2	1	
		12	9.8	217	279.5	318.1	261.4			12	12.0	239	288.7	329.5	265.7	1	
		14	9.0	217	276.3	309.9	257.4			14	12.1	239	286.0	326.6	263.5	1	
		16	9.5	217	274.5	330.6	254.1			16	12.3	240	286.9	329.9	264.2	1	
		18	9.1	217	275.9	327.4	259.4			18	11.0	240	297.0	333.7	269.4	1	
		20	9.6	217	283.4	343.0	264.4			20	10.5	238	300.3	330.1	273.9	1	
		22	10.8	217	288.5	334.4	269.1			22	10.2	240	301.4	330.7	276.6	1	
23183	06	00	14.1	210	294.9	361.6	270.8		12	00	8.9	248	301.6	324.8	281.8	1	
		02	14.1	210	296.9	364.2	274.6			02	8.6	248	301.6	325.0	281.5	1	
		04	13.6	210	298.2	360.3	278.4			04	8.3	248	301.8	325.3	282.4	1	
		06	14.5	210	297.8	358.9	278.0			06	8.1	247	302.0	322.3	285.2	1	
		08	14.8	210	293.1	352.0	267.4			08	8.4	248	301.0	326.4	282.0	1	
		10	14.1	210	287.5	343.4	257.8			10	10.2	248	296.1	330.3	275.4	1	
		12	13.6	210	282.2	339.3	259.8			12	11.1	248	292.0	329.4	269.8	1	
		14	14.5	210	279.3	346.6	251.5			14	11.7	248	289.1	327.5	266.0	1	
		16	14.3	210	278.3	343.9	254.0			16	11.5	248	289.8	326.6	267.1	1	
		18	14.8	209	279.1	348.9	258.1			18	10.2	248	297.1	326.6	275.0	1	
		20	14.2	210	287.5	363.4	266.9			20	9.3	246	300.8	326.1	279.2	1	
		22	14.4	209	293.3	365.9	267.2			22	9.1	248	301.3	326.0	276.8	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23185	01	00	4.9	247	268.3	278.8	251.6		07	00	9.6	248	279.0	312.8	255.6		1
		02	5.1	248	268.6	278.2	248.6			02	8.4	248	280.5	309.0	262.6		1
		04	5.1	248	268.5	278.6	249.3			04	8.1	248	281.0	305.6	264.0		1
		06	5.0	248	268.8	281.4	250.3			06	9.4	248	279.0	308.9	253.3		1
		08	5.1	248	268.9	284.3	250.0			08	10.4	248	269.6	307.1	248.5		1
		10	5.9	247	267.0	280.4	245.6			10	10.7	248	260.3	294.4	241.2		1
		12	6.0	248	264.5	280.6	242.0			12	10.9	248	253.5	298.9	233.8		1
		14	6.5	247	263.3	277.5	241.1			14	11.4	248	250.6	300.9	231.5		1
		16	6.1	248	264.6	278.4	246.6			16	15.5	248	254.1	311.2	231.9		1
		18	5.5	248	267.6	282.2	250.7			18	14.0	248	259.4	312.0	240.3		1
		20	5.3	248	268.1	277.9	245.2			20	13.8	248	265.6	310.5	242.9		1
		22	5.2	248	268.5	280.9	245.2			22	12.4	248	272.5	313.4	247.1		1
23185	02	00	4.3	226	269.3	281.7	249.8		08	00	7.7	248	275.9	302.2	251.6		1
		02	4.2	226	269.2	278.8	251.7			02	6.9	248	277.6	304.5	251.7		1
		04	3.8	226	269.4	277.1	255.6			04	6.7	248	277.5	301.7	250.7		1
		06	4.0	226	269.3	276.8	247.9			06	6.9	247	276.5	301.6	250.8		1
		08	4.7	226	268.4	277.5	247.1			08	8.5	248	267.6	296.7	241.0		1
		10	4.8	226	264.8	276.6	247.6			10	9.0	248	258.4	292.7	236.7		1
		12	5.2	226	261.7	278.7	245.8			12	8.7	248	250.7	292.6	233.0		1
		14	6.4	226	259.6	278.8	239.8			14	9.4	248	247.4	314.5	229.3		1
		16	6.4	226	260.2	287.1	243.3			16	9.5	247	249.1	290.7	231.2		1
		18	5.5	226	265.9	278.3	245.7			18	10.5	247	256.6	299.7	234.9		1
		20	4.8	226	267.8	279.7	245.9			20	10.4	248	262.6	299.9	242.7		1
		22	4.3	226	268.7	277.9	247.8			22	9.2	248	269.0	299.6	248.3		1
23185	03	00	4.8	248	266.5	279.7	250.2		09	00	7.6	240	274.8	297.8	243.4		1
		02	5.0	248	267.0	283.4	250.3			02	6.4	240	275.5	294.8	251.8		1
		04	4.7	248	267.4	282.4	248.3			04	5.9	240	275.7	293.2	248.1		1
		06	4.3	248	268.0	279.4	251.8			06	5.4	240	276.0	292.7	258.2		1
		08	5.2	248	265.4	279.8	250.7			08	7.7	240	269.2	291.9	244.9		1
		10	6.3	248	260.7	283.2	242.5			10	9.0	240	261.0	294.6	239.7		1
		12	7.3	247	256.8	278.9	240.4			12	9.4	240	252.4	292.4	232.8		1
		14	7.9	248	254.7	277.1	238.7			14	10.0	240	249.1	289.3	230.3		1
		16	7.7	248	254.6	276.5	239.0			16	10.9	240	251.4	291.1	230.8		1
		18	5.9	248	260.3	276.2	246.3			18	11.4	240	262.0	300.3	234.5		1
		20	5.0	248	264.0	282.2	252.0			20	9.5	240	267.3	295.3	245.3		1
		22	4.9	248	265.5	278.7	251.3			22	8.3	240	271.9	299.5	241.7		1
23185	04	00	5.3	240	267.7	281.2	251.2		10	00	5.7	248	270.4	288.0	245.4		1
		02	5.1	240	268.7	280.7	249.7			02	5.1	248	270.6	287.3	249.6		1
		04	4.8	238	269.0	283.7	251.9			04	5.3	248	270.7	288.3	244.5		1
		06	4.9	234	269.1	281.1	250.5			06	4.7	248	271.2	290.1	243.5		1
		08	6.3	240	263.6	281.5	242.2			08	6.2	248	267.7	292.8	238.9		1
		10	7.0	240	258.0	283.6	237.5			10	7.0	248	262.0	288.4	237.5		1
		12	7.9	240	253.2	288.5	234.4			12	8.4	248	256.3	287.2	235.7		1
		14	9.0	240	251.4	291.1	231.4			14	8.6	248	252.9	283.4	233.9		1
		16	9.0	240	252.4	289.5	234.3			16	8.9	248	254.9	288.9	237.7		1
		18	7.6	237	258.4	280.4	241.7			18	7.5	247	263.8	290.9	246.5		1
		20	6.2	239	263.5	284.2	251.0			20	6.5	248	267.8	290.9	243.0		1
		22	5.8	239	266.2	284.5	252.1			22	5.9	248	269.5	288.0	249.6		1
23185	05	00	6.8	248	271.8	290.0	247.5		11	00	5.4	239	270.4	287.3	249.5		1
		02	6.1	248	272.9	290.1	252.6			02	5.1	239	270.5	288.1	247.5		1
		04	5.8	248	272.9	288.7	247.8			04	5.0	239	270.6	290.6	248.7		1
		06	6.5	248	271.9	289.6	244.0			06	4.5	240	270.8	291.5	254.5		1
		08	7.4	248	265.6	285.0	239.0			08	5.5	240	269.9	290.6	254.2		1
		10	8.6	248	258.8	282.9	237.0			10	7.4	240	266.2	290.4	243.2		1
		12	9.3	248	254.7	280.4	237.4			12	7.8	240	261.8	296.2	241.7		1
		14	9.7	248	252.9	282.4	234.3			14	8.4	240	259.1	294.2	241.6		1
		16	9.8	248	254.3	290.8	236.7			16	8.1	240	261.7	296.3	242.8		1
		18	9.5	248	259.6	293.2	238.8			18	6.7	240	267.7	290.6	249.5		1
		20	8.2	248	265.1	292.7	246.2			20	5.4	240	269.7	284.7	247.1		1
		22	7.6	248	268.9	291.7	249.3			22	5.1	239	270.1	286.0	249.9		1
23185	06	00	8.1	240	273.9	294.7	248.8		12	00	4.8	245	269.8	284.1	248.5		1
		02	7.1	240	274.8	295.3	251.5			02	4.8	244	269.9	284.6	246.6		1
		04	6.3	240	275.6	295.7	248.7			04	4.8	245	269.8	282.9	248.2		1
		06	7.3	240	273.8	290.0	245.3			06	4.2	245	270.1	285.2	249.6		1
		08	8.1	240	266.9	293.1	236.1			08	4.7	247	270.1	288.1	248.8		1
		10	8.9	240	259.9	287.8	240.1			10	5.6	247	267.8	283.9	242.7		1
		12	8.7	240	254.9	283.6	236.9			12	6.3	246	265.0	285.0	244.4		1
		14	8.9	239	252.4	289.7	233.0			14	7.0	246	263.2	285.9	244.5		1
		16	9.9	240	253.0	294.7	235.0			16	6.5	245	265.8	284.6	245.6		1
		18	9.2	240	258.5	294.2	241.3			18	5.7	245	268.7	284.9	248.6		1
		20	8.8	240	264.5	294.5	246.1			20	5.1	245	269.4	283.7	249.1		1
		22	8.2	240	269.9	292.9	250.5			22	5.1	245	269.6	282.6	245.2		1



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23188	01	00	9.4	248	324.7	347.2	293.3		07	00	6.5	248	347.0	366.2	333.0	1	
		02	9.9	248	323.6	350.3	293.3			02	6.5	248	347.2	366.2	333.3	1	
		04	9.8	248	322.8	350.3	299.6			04	6.7	248	347.1	365.4	332.5	1	
		06	10.0	248	322.0	348.6	296.6			06	6.9	248	347.1	364.6	331.2	1	
		08	10.9	248	320.7	349.9	290.4			08	6.9	248	344.9	362.0	327.8	1	
		10	12.2	248	318.7	348.8	284.2			10	7.1	248	342.4	363.4	305.9	1	
		12	12.2	248	316.8	346.0	282.8			12	7.2	248	340.8	359.6	309.9	1	
		14	12.4	248	318.0	345.8	283.5			14	7.1	248	339.9	360.2	317.0	1	
		16	12.2	248	320.4	345.7	281.6			16	6.2	248	340.2	359.4	327.7	1	
		18	10.9	248	324.4	345.8	291.0			18	6.1	248	344.3	361.3	327.9	1	
		20	9.9	248	325.4	347.7	293.8			20	6.3	248	346.5	366.6	331.9	1	
		22	9.5	248	325.5	348.8	294.9			22	6.3	248	347.4	364.5	333.2	1	
23188	02	00	11.1	226	322.1	346.0	281.6		08	00	5.6	248	348.2	363.2	328.3	1	
		02	11.2	226	321.4	344.4	285.8			02	5.6	248	348.1	364.3	326.5	1	
		04	10.7	226	320.5	345.3	286.9			04	6.0	248	348.0	363.3	324.8	1	
		06	10.5	226	320.0	345.3	290.7			06	6.5	248	347.6	363.6	323.8	1	
		08	12.1	226	318.0	346.2	284.0			08	6.7	248	345.5	359.2	321.1	1	
		10	13.9	226	314.3	347.0	278.2			10	6.9	248	342.7	365.4	312.1	1	
		12	14.6	226	312.9	348.9	276.3			12	6.0	248	341.5	362.5	319.2	1	
		14	14.7	226	314.2	349.0	272.5			14	6.4	248	340.4	363.4	319.6	1	
		16	12.9	226	316.6	346.8	272.6			16	6.0	248	341.4	359.6	319.7	1	
		18	11.5	226	321.5	346.8	284.0			18	6.4	248	345.6	365.4	311.2	1	
		20	11.1	226	322.6	346.8	286.3			20	6.3	244	347.3	363.3	322.3	1	
		22	11.0	226	322.7	348.0	287.4			22	5.8	248	347.7	362.9	330.0	1	
23188	03	00	8.5	217	326.8	346.6	295.7		09	00	8.0	240	346.7	369.9	314.3	1	
		02	9.3	217	325.8	344.2	292.7			02	7.8	240	346.5	369.0	318.0	1	
		04	9.4	217	324.7	342.3	290.9			04	7.9	240	345.8	363.8	321.6	1	
		06	9.4	217	324.2	342.4	292.6			06	8.4	240	345.1	364.5	320.3	1	
		08	10.5	217	321.4	342.0	288.3			08	8.7	240	342.9	363.0	312.9	1	
		10	12.2	217	317.9	342.0	277.0			10	8.6	240	340.2	360.1	307.5	1	
		12	12.2	217	317.4	342.0	271.5			12	8.1	239	339.4	355.7	306.0	1	
		14	11.7	217	318.2	343.6	272.5			14	7.4	240	339.2	355.7	317.3	1	
		16	11.2	217	318.9	341.3	282.8			16	7.4	240	340.4	355.2	305.2	1	
		18	10.2	217	323.9	340.5	280.6			18	7.4	241	345.2	363.9	316.8	1	
		20	9.4	217	326.0	342.8	286.8			20	7.6	240	345.9	363.1	323.6	1	
		22	9.1	217	326.9	345.1	289.8			22	8.4	240	346.1	368.6	319.0	1	
23188	04	00	6.7	210	331.1	345.3	298.9		10	00	10.5	248	337.9	354.0	295.2	1	
		02	7.8	210	330.2	347.4	277.5			02	10.9	248	337.2	356.8	297.7	1	
		04	7.4	210	330.3	344.0	297.6			04	11.4	248	336.1	356.1	296.8	1	
		06	8.4	210	329.6	343.1	277.3			06	11.6	248	334.9	354.6	295.9	1	
		08	8.6	210	327.2	343.9	291.3			08	12.2	248	333.1	355.0	293.5	1	
		10	8.6	210	325.2	339.6	293.0			10	14.1	248	330.1	351.0	278.2	1	
		12	8.3	210	323.7	339.8	294.9			12	13.8	248	329.7	349.7	275.5	1	
		14	8.5	210	323.8	340.1	288.8			14	13.0	248	331.6	354.0	273.3	1	
		16	7.5	209	325.1	341.3	294.5			16	13.9	248	332.9	351.9	277.0	1	
		18	7.0	210	329.3	346.4	298.8			18	11.8	248	336.9	354.4	284.4	1	
		20	7.1	210	330.6	346.9	296.6			20	11.0	248	337.9	357.3	291.3	1	
		22	7.0	210	331.1	346.7	293.3			22	10.5	248	338.1	356.5	294.5	1	
23188	05	00	8.0	217	332.8	350.4	298.4		11	00	14.0	239	327.8	355.1	290.5	1	
		02	7.5	217	332.7	352.3	301.9			02	14.3	240	326.5	356.7	279.9	1	
		04	7.9	216	332.2	351.7	293.9			04	13.9	240	325.4	355.0	290.4	1	
		06	8.2	217	331.4	348.4	295.0			06	13.7	240	324.3	353.8	285.3	1	
		08	9.6	217	328.6	342.6	283.0			08	14.2	240	323.0	353.5	287.4	1	
		10	10.3	217	326.6	341.2	276.1			10	17.4	240	318.6	354.9	280.8	1	
		12	9.7	217	326.1	342.6	274.6			12	17.6	240	317.3	352.6	271.9	1	
		14	8.5	217	326.5	341.9	271.1			14	17.1	240	320.7	356.3	278.7	1	
		16	8.0	217	327.7	346.5	292.0			16	16.5	240	324.0	354.7	282.9	1	
		18	7.9	217	331.0	344.1	294.3			18	15.2	240	327.9	353.6	284.1	1	
		20	7.6	217	332.8	350.7	294.6			20	13.6	240	329.1	353.9	289.1	1	
		22	7.7	217	333.2	354.0	296.3			22	13.3	240	329.2	355.8	286.6	1	
23188	06	00	5.6	210	337.6	351.4	316.1		12	00	13.0	248	323.3	347.8	283.6	1	
		02	5.9	210	337.6	353.5	316.0			02	12.6	248	322.6	346.7	286.2	1	
		04	6.1	210	337.3	357.4	319.7			04	12.3	248	321.5	347.4	288.6	1	
		06	6.3	210	336.5	352.6	319.4			06	12.1	248	320.7	345.8	287.1	1	
		08	6.7	210	334.4	352.9	315.3			08	12.8	248	319.5	344.4	284.7	1	
		10	6.6	210	332.9	350.6	310.0			10	14.4	248	316.3	342.7	279.9	1	
		12	6.0	210	332.0	348.6	315.6			12	15.4	248	314.6	340.3	274.9	1	
		14	6.2	210	331.3	348.1	308.5			14	14.7	248	317.0	346.3	273.3	1	
		16	5.5	210	332.1	344.8	310.1			16	13.3	248	321.0	346.2	280.8	1	
		18	5.3	210	335.9	350.4	319.7			18	12.8	248	324.8	347.5	287.1	1	
		20	7.0	210	337.1	355.7	269.9			20	12.2	248	325.6	346.9	284.5	1	
		22	5.2	210	338.2	353.8	324.6			22	12.4	248	325.0	348.3	287.5	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23230	01	00	9.5	248	323.3	345.5	294.9		07	00	3.5	248	334.9	343.9	325.5	1	
		02	9.1	248	323.3	346.8	296.7			02	3.4	248	334.8	343.8	325.7	1	
		04	8.9	248	323.4	347.6	295.4			04	3.4	248	334.7	344.0	325.8	1	
		06	8.6	248	323.2	345.2	297.5			06	3.4	248	334.7	345.6	321.5	1	
		08	9.1	248	323.2	350.3	295.7			08	3.6	248	333.7	342.9	319.2	1	
		10	10.8	248	322.3	348.5	293.4			10	5.2	247	330.6	345.6	293.3	1	
		12	11.6	248	320.9	348.3	292.2			12	6.8	248	326.4	339.9	284.1	1	
		14	12.3	248	319.6	347.7	290.3			14	6.4	248	326.0	341.6	291.7	1	
		16	11.8	248	320.4	350.1	289.7			16	6.1	248	327.5	344.3	294.5	1	
		18	10.4	248	322.7	347.2	292.2			18	4.9	248	331.1	344.9	308.4	1	
		20	9.9	248	323.1	346.7	293.6			20	4.2	248	333.8	343.3	300.6	1	
		22	9.9	248	323.0	346.1	291.9			22	3.6	248	334.6	344.3	323.1	1	
23230	02	00	8.7	226	323.5	341.8	293.1		08	00	4.4	247	336.6	354.7	326.2	1	
		02	9.1	226	323.0	342.5	291.1			02	4.6	248	336.4	356.5	326.4	1	
		04	8.7	226	323.0	339.5	296.4			04	4.7	248	336.0	355.0	325.2	1	
		06	8.4	226	322.8	339.3	294.0			06	4.3	248	336.1	356.3	325.7	1	
		08	9.2	226	323.0	340.8	293.7			08	4.5	248	335.6	355.3	326.3	1	
		10	10.8	226	321.4	341.0	291.3			10	4.9	248	333.4	356.7	320.5	1	
		12	11.5	226	319.2	344.9	289.0			12	6.8	248	328.7	346.5	295.7	1	
		14	11.9	226	317.6	342.9	287.0			14	6.6	241	328.2	350.7	304.4	1	
		16	11.0	226	318.9	342.6	287.6			16	6.1	246	330.0	354.3	305.5	1	
		18	9.8	226	322.2	342.9	293.8			18	5.1	248	333.5	350.4	314.4	1	
		20	9.0	226	324.0	343.2	291.4			20	4.6	248	335.9	350.1	325.1	1	
		22	8.2	226	323.7	341.4	296.0			22	4.4	248	336.3	350.2	327.2	1	
23230	03	00	7.5	217	322.6	339.5	287.4		09	00	5.7	240	335.7	348.2	313.3	1	
		02	8.0	217	322.2	338.4	282.9			02	5.6	240	335.3	348.9	316.1	1	
		04	7.7	217	321.9	337.0	288.8			04	5.7	240	335.0	348.1	315.1	1	
		06	7.5	217	321.9	339.9	294.1			06	36.3	240	332.7	348.1	220.0	1	
		08	9.4	217	320.9	343.8	287.7			08	6.1	240	334.9	348.2	311.2	1	
		10	10.6	217	318.5	346.0	287.7			10	7.1	240	332.1	348.6	300.5	1	
		12	11.7	217	314.4	339.3	281.5			12	10.3	240	326.2	348.2	286.4	1	
		14	11.7	217	313.6	339.9	282.6			14	10.0	240	325.7	349.3	287.7	1	
		16	10.7	217	314.9	338.2	284.8			16	9.2	240	328.1	343.6	294.6	1	
		18	8.5	217	319.6	338.3	290.3			18	6.8	240	333.0	347.0	309.7	1	
		20	7.6	217	322.2	338.6	290.5			20	6.2	240	334.9	347.9	313.9	1	
		22	7.3	217	322.6	341.3	291.3			22	5.6	240	335.8	350.7	315.9	1	
23230	04	00	6.0	210	326.0	340.4	308.6		10	00	20.1	248	329.8	348.5	48.5	1	
		02	5.8	210	325.7	340.8	303.7			02	9.2	248	330.3	351.1	292.2	1	
		04	5.6	210	325.3	338.4	307.1			04	9.2	248	329.8	351.3	293.4	1	
		06	5.9	210	325.4	339.9	302.4			06	9.4	248	330.0	349.6	292.8	1	
		08	7.8	210	324.2	341.1	292.8			08	11.1	248	330.3	353.2	289.4	1	
		10	8.3	210	322.0	341.0	291.6			10	12.2	248	328.3	351.0	285.3	1	
		12	9.2	210	318.4	337.7	289.0			12	14.4	248	322.2	352.5	281.1	1	
		14	8.6	210	318.2	343.5	290.2			14	14.2	248	321.1	347.5	283.3	1	
		16	8.3	210	319.3	346.2	290.8			16	13.2	248	323.9	348.5	283.8	1	
		18	7.1	210	322.2	344.4	298.6			18	10.9	248	329.1	348.2	290.0	1	
		20	6.4	210	324.7	338.9	300.3			20	9.4	248	331.1	348.2	294.0	1	
		22	6.2	210	325.7	342.5	296.5			22	19.0	248	329.9	368.2	69.9	1	
23230	05	00	5.8	217	328.0	340.6	288.8		11	00	9.3	240	327.5	351.3	280.9	1	
		02	5.9	217	327.9	343.0	285.2			02	9.4	240	327.2	351.7	287.7	1	
		04	5.5	217	327.9	342.6	289.9			04	9.3	240	327.0	351.8	288.2	1	
		06	5.6	217	328.1	341.4	293.4			06	9.4	240	326.7	351.2	290.7	1	
		08	6.9	217	326.2	345.9	294.8			08	10.5	240	327.5	353.4	284.8	1	
		10	8.7	217	322.5	347.6	284.2			10	12.0	240	326.4	350.9	280.6	1	
		12	9.3	217	319.3	338.9	275.2			12	12.7	240	323.3	350.3	285.8	1	
		14	8.9	217	318.0	339.7	283.1			14	13.8	240	321.3	350.4	282.2	1	
		16	8.6	217	319.4	338.8	284.5			16	12.5	240	324.1	350.9	280.2	1	
		18	6.8	217	323.2	340.9	295.1			18	10.6	240	327.3	350.9	280.0	1	
		20	5.3	217	326.5	340.9	311.2			20	10.2	240	328.1	350.8	278.3	1	
		22	5.0	217	327.4	341.5	310.3			22	10.1	240	328.0	351.3	277.8	1	
23230	06	00	5.2	210	331.0	343.2	298.5		12	00	8.3	248	325.0	344.4	299.7	1	
		02	5.2	210	331.1	342.4	295.6			02	8.1	248	324.9	345.5	298.4	1	
		04	5.2	210	331.1	340.4	292.8			04	7.9	248	324.9	344.5	298.5	1	
		06	5.9	210	331.0	347.5	288.6			06	7.9	248	324.7	343.7	302.2	1	
		08	7.1	212	329.3	346.4	286.2			08	8.2	248	324.7	344.5	299.7	1	
		10	8.2	210	325.7	346.1	280.1			10	9.8	248	323.7	346.6	298.7	1	
		12	8.9	210	322.6	340.0	279.4			12	10.5	248	321.8	346.8	297.1	1	
		14	7.7	210	322.5	339.7	280.5			14	11.2	248	321.1	344.7	290.1	1	
		16	7.2	210	323.9	341.8	281.8			16	10.8	248	322.3	345.5	296.1	1	
		18	6.1	210	326.8	339.9	299.3			18	9.5	248	324.1	346.4	298.1	1	
		20	5.1	210	329.6	340.4	305.5			20	8.9	248	324.5	346.7	294.7	1	
		22	4.6	210	330.8	342.8	308.6			22	8.6	248	324.8	343.9	292.3	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23232	01	00	8.7	248	323.2	348.6	296.5		07	00	6.5	248	326.7	342.5	300.3	1	
		02	8.3	248	323.1	345.1	298.6			02	6.2	248	327.7	342.8	299.2	1	
		04	8.2	248	322.9	345.9	298.8			04	5.7	248	328.9	342.1	296.9	1	
		06	8.0	248	322.9	346.2	299.6			06	5.6	248	329.7	342.1	299.4	1	
		08	8.2	248	322.8	345.4	300.7			08	6.9	248	327.7	351.2	297.4	1	
		10	9.5	248	322.6	345.7	295.5			10	8.2	248	324.4	347.1	296.2	1	
		12	11.1	248	320.8	346.3	291.9			12	10.5	248	318.4	350.9	285.7	1	
		14	12.0	248	319.3	344.0	291.5			14	12.1	248	311.0	347.5	280.1	1	
		16	11.7	247	320.5	352.8	289.6			16	12.8	248	309.1	336.0	278.7	1	
		18	10.1	248	322.9	352.8	294.8			18	10.5	248	316.5	339.1	284.1	1	
		20	9.4	248	323.2	351.3	295.6			20	7.6	248	322.8	345.3	293.2	1	
		22	8.9	248	323.6	349.2	297.5			22	6.7	248	325.2	341.9	298.5	1	
23232	02	00	8.7	226	323.1	342.1	295.7		08	00	6.6	248	329.0	355.2	306.8	1	
		02	8.0	226	322.8	340.6	297.9			02	6.4	248	329.6	355.0	310.0	1	
		04	7.5	226	322.2	340.1	298.1			04	5.6	248	330.6	350.9	313.2	1	
		06	7.2	226	322.1	339.0	297.2			06	4.9	248	332.1	349.7	316.6	1	
		08	8.2	226	322.3	338.7	295.6			08	6.0	248	330.0	354.4	307.5	1	
		10	10.3	226	320.6	342.2	292.6			10	7.3	248	326.1	350.4	305.0	1	
		12	11.5	226	317.8	341.6	286.0			12	9.0	248	320.5	348.7	296.9	1	
		14	12.7	226	315.6	343.7	283.5			14	11.2	248	313.6	347.4	282.9	1	
		16	13.1	226	315.5	344.2	283.7			16	12.3	248	310.6	350.8	272.8	1	
		18	11.1	226	320.5	341.3	288.3			18	10.1	248	318.9	346.1	277.4	1	
		20	9.7	226	322.2	342.4	295.7			20	7.5	248	325.4	352.7	301.6	1	
		22	9.1	226	322.7	342.1	296.0			22	7.1	248	327.5	349.3	303.3	1	
23232	03	00	8.2	248	321.4	344.6	293.9		09	00	8.3	240	327.4	345.9	303.7	1	
		02	7.8	248	321.2	344.5	291.8			02	8.1	240	327.9	345.6	301.5	1	
		04	7.5	248	321.0	343.7	291.7			04	7.8	240	328.5	342.7	301.3	1	
		06	7.1	248	320.9	340.0	292.4			06	7.4	240	329.8	343.8	303.3	1	
		08	9.1	248	320.0	340.1	291.5			08	9.3	240	327.6	346.1	298.6	1	
		10	10.6	248	317.2	342.8	285.5			10	10.7	240	322.9	347.9	291.4	1	
		12	11.9	248	313.7	343.2	281.0			12	12.3	240	317.2	358.0	282.3	1	
		14	12.4	248	309.6	341.5	279.1			14	13.6	240	311.5	354.1	280.6	1	
		16	13.1	248	309.5	345.5	273.7			16	14.0	240	310.2	364.8	275.2	1	
		18	11.8	248	316.0	344.2	281.9			18	12.2	240	319.0	349.8	284.2	1	
		20	9.8	248	319.3	342.2	284.1			20	9.9	240	324.4	347.0	295.8	1	
		22	8.9	247	320.3	341.9	287.6			22	8.8	240	326.5	343.9	299.6	1	
23232	04	00	7.7	240	324.4	346.6	295.3		10	00	10.9	248	323.5	352.0	293.6	1	
		02	7.2	240	324.1	341.3	296.1			02	10.6	248	324.0	350.6	294.3	1	
		04	7.0	240	324.3	344.4	297.3			04	10.3	248	324.3	348.8	296.2	1	
		06	6.9	240	324.7	342.8	299.0			06	9.6	248	325.0	346.6	296.4	1	
		08	8.6	240	322.8	342.0	294.0			08	11.5	248	324.0	347.9	292.6	1	
		10	10.0	240	318.8	341.7	287.6			10	12.9	248	319.5	347.1	289.3	1	
		12	11.6	240	314.3	340.6	284.2			12	13.9	248	313.7	349.7	284.0	1	
		14	13.0	240	311.2	340.5	280.8			14	14.6	248	309.6	352.4	279.6	1	
		16	13.8	240	312.0	340.3	277.1			16	14.6	248	310.1	351.4	281.4	1	
		18	12.2	240	320.0	345.6	284.5			18	13.0	248	317.7	348.9	289.2	1	
		20	10.1	239	323.2	349.0	289.4			20	12.0	248	321.7	351.1	292.6	1	
		22	9.0	240	324.0	349.8	291.8			22	11.6	248	323.0	349.3	294.1	1	
23232	05	00	7.0	217	325.2	344.4	290.3		11	00	10.3	240	325.6	354.7	286.2	1	
		02	7.1	217	325.2	344.0	288.7			02	9.8	240	325.4	358.5	288.3	1	
		04	6.8	217	325.4	343.5	291.1			04	9.4	240	325.4	357.9	284.9	1	
		06	7.2	217	325.7	344.4	294.4			06	9.3	240	325.2	359.1	288.4	1	
		08	9.1	217	321.7	348.4	292.1			08	10.3	240	325.6	361.8	290.0	1	
		10	10.9	217	317.1	347.4	288.0			10	12.5	240	323.9	363.3	283.5	1	
		12	12.3	217	312.4	338.4	283.2			12	14.1	239	320.8	366.2	283.0	1	
		14	13.0	217	309.1	336.1	277.9			14	15.1	240	318.4	362.8	279.3	1	
		16	14.1	217	307.8	336.2	273.1			16	14.6	240	320.0	361.1	283.2	1	
		18	13.3	217	315.1	338.7	277.2			18	12.9	240	324.1	358.2	288.8	1	
		20	9.0	217	322.5	343.5	292.8			20	11.6	239	325.0	358.6	291.1	1	
		22	7.2	217	324.1	342.1	296.0			22	10.4	240	325.4	355.6	293.7	1	
23232	06	00	6.6	209	325.6	343.2	294.0		12	00	7.2	248	324.7	347.2	299.9	1	
		02	6.1	210	326.3	342.1	296.2			02	7.4	248	324.6	345.8	298.5	1	
		04	5.8	210	326.9	339.4	290.6			04	7.4	248	324.4	347.2	300.4	1	
		06	6.3	210	327.0	344.2	294.1			06	7.1	248	324.7	347.1	306.8	1	
		08	7.9	210	322.9	343.8	294.1			08	7.3	248	325.0	348.8	307.2	1	
		10	9.2	210	318.8	345.6	286.0			10	8.6	247	324.9	349.0	302.3	1	
		12	10.4	210	313.8	343.0	283.2			12	10.3	248	323.2	350.7	295.6	1	
		14	12.0	210	309.8	338.5	276.6			14	10.8	247	321.9	349.4	293.1	1	
		16	12.5	210	309.2	332.8	272.7			16	10.4	248	322.7	349.5	293.6	1	
		18	11.6	210	315.4	339.0	276.0			18	8.8	248	324.6	348.9	295.6	1	
		20	7.6	210	321.8	340.9	293.6			20	8.0	248	325.1	347.1	294.8	1	
		22	6.9	210	324.4	341.1	292.0			22	7.6	248	325.0	346.1	297.5	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
23236	01	00	9.2	248	320.3	346.6	284.7		07	00	5.0	279	333.4	353.1	320.0	1	
		02	8.7	248	319.8	346.3	288.0			02	5.0	279	333.2	355.4	314.0	1	
		04	8.6	248	319.1	345.6	282.6			04	4.8	279	333.8	353.8	309.0	1	
		06	8.0	248	319.1	345.4	287.8			06	5.0	279	333.5	353.2	304.3	1	
		08	8.6	248	319.3	345.4	292.0			08	5.5	279	332.1	355.0	308.6	1	
		10	10.8	248	317.1	343.8	291.4			10	6.8	279	330.1	357.0	271.4	1	
		12	12.2	248	314.7	344.4	291.6			12	6.2	279	328.1	357.1	292.1	1	
		14	11.9	248	315.1	343.5	287.3			14	6.5	279	327.6	352.6	284.1	1	
		16	11.0	248	318.8	343.1	288.0			16	5.9	275	329.0	353.3	295.7	1	
		18	9.4	248	322.3	345.3	287.2			18	5.4	279	331.1	349.3	300.1	1	
		20	9.3	248	321.9	346.0	280.8			20	4.6	279	333.7	352.0	310.7	1	
		22	9.3	248	321.1	346.9	282.7			22	4.1	279	334.6	351.1	315.0	1	
23236	02	00	8.5	226	318.9	340.8	283.7		08	00	3.6	279	334.2	341.8	324.2	1	
		02	8.0	226	317.9	342.2	290.4			02	4.0	279	333.8	341.6	318.7	1	
		04	7.8	226	317.4	343.0	292.2			04	3.8	279	334.0	345.0	317.3	1	
		06	7.4	226	316.8	342.3	297.0			06	3.8	279	333.6	342.7	316.6	1	
		08	8.8	226	316.1	341.1	295.4			08	4.2	278	332.4	343.4	320.2	1	
		10	11.5	226	312.2	339.8	286.9			10	4.4	279	330.5	343.9	314.1	1	
		12	12.7	226	309.6	341.4	280.6			12	4.9	279	328.7	343.5	301.2	1	
		14	12.2	226	312.1	340.4	278.7			14	4.7	279	328.1	348.1	308.7	1	
		16	11.4	226	314.5	338.2	277.5			16	4.1	279	329.9	341.7	308.8	1	
		18	8.9	226	320.6	342.5	292.8			18	3.9	279	332.8	342.0	314.8	1	
		20	8.4	226	320.8	342.5	295.5			20	3.4	279	334.8	342.6	316.2	1	
		22	8.5	226	320.0	339.7	294.4			22	3.2	279	335.2	342.6	323.7	1	
23236	03	00	7.9	248	320.3	337.8	293.1		09	00	6.9	240	333.1	346.6	292.8	1	
		02	7.7	248	319.8	337.5	296.5			02	6.9	239	332.4	346.2	296.3	1	
		04	7.7	248	319.1	338.7	293.3			04	7.1	240	331.9	345.5	294.7	1	
		06	6.3	248	318.7	335.9	291.3			06	7.0	240	331.3	345.5	302.3	1	
		08	9.3	247	317.7	341.5	289.9			08	8.8	240	330.6	345.6	289.6	1	
		10	10.6	248	313.8	344.8	285.2			10	9.7	240	327.4	344.5	277.8	1	
		12	12.0	248	312.5	338.6	279.7			12	8.5	240	326.2	345.7	287.0	1	
		14	11.2	248	313.7	339.3	277.7			14	7.8	238	326.4	347.6	296.5	1	
		16	10.2	248	315.3	337.9	285.7			16	7.4	240	328.3	342.7	295.6	1	
		18	8.5	248	319.9	339.8	290.3			18	5.9	240	333.2	347.0	304.3	1	
		20	8.3	248	321.7	340.6	291.3			20	5.4	240	334.6	347.3	309.3	1	
		22	8.2	248	321.4	339.3	292.2			22	6.2	240	334.1	346.0	292.5	1	
23236	04	00	6.2	240	324.8	338.8	301.1		10	00	11.7	247	325.7	345.4	287.6	1	
		02	6.5	240	324.1	337.6	304.3			02	11.2	248	324.9	344.1	285.0	1	
		04	6.4	240	323.9	336.3	303.9			04	11.5	248	324.1	342.9	284.9	1	
		06	6.2	240	323.7	336.3	304.8			06	11.4	248	322.9	343.8	287.3	1	
		08	8.0	240	322.0	338.0	295.9			08	14.6	243	321.0	342.7	276.8	1	
		10	10.3	239	318.8	348.1	287.6			10	16.7	247	316.7	349.3	267.9	1	
		12	9.4	240	318.2	342.8	285.4			12	15.4	247	317.7	345.4	269.0	1	
		14	8.0	240	318.7	342.7	286.1			14	13.3	248	320.8	344.8	275.2	1	
		16	7.5	240	319.5	337.7	294.1			16	12.7	248	323.5	342.7	282.0	1	
		18	5.9	240	323.7	339.7	308.2			18	10.8	246	328.4	347.7	286.6	1	
		20	5.5	240	326.1	338.9	310.3			20	11.3	246	327.5	350.1	284.2	1	
		22	5.7	240	326.0	339.8	300.8			22	11.8	246	326.4	346.6	279.5	1	
23236	05	00	5.8	248	326.3	339.5	298.4		11	00	12.0	236	320.6	357.5	288.7	1	
		02	6.0	248	326.1	340.2	303.8			02	11.7	237	319.6	358.7	289.5	1	
		04	6.3	247	326.0	340.4	303.5			04	11.5	235	318.8	357.9	286.4	1	
		06	6.3	248	326.0	338.1	299.3			06	11.1	237	318.1	358.2	289.7	1	
		08	8.9	248	322.6	340.0	289.2			08	13.4	238	317.5	360.1	286.0	1	
		10	10.3	248	319.6	336.9	276.9			10	16.1	238	313.1	360.1	280.4	1	
		12	9.2	248	319.5	336.5	271.1			12	15.7	240	312.5	357.2	279.1	1	
		14	7.8	248	319.3	335.8	288.9			14	14.6	240	315.8	357.2	280.4	1	
		16	8.5	248	320.4	337.2	284.4			16	13.4	240	320.5	357.3	286.8	1	
		18	7.4	248	324.0	338.5	282.7			18	11.7	240	324.6	356.8	288.6	1	
		20	4.4	248	327.2	338.2	302.7			20	11.5	238	323.1	355.0	288.4	1	
		22	5.5	238	327.2	339.1	300.3			22	11.8	239	321.8	356.5	289.5	1	
23236	06	00	4.6	240	329.1	338.9	314.3		12	00	9.6	248	320.0	344.5	288.0	1	
		02	4.9	240	328.7	341.7	314.0			02	9.6	248	319.4	344.8	290.9	1	
		04	5.3	240	328.6	340.3	309.5			04	9.2	247	318.9	344.8	294.8	1	
		06	6.0	240	328.3	339.6	299.2			06	8.5	248	318.1	343.6	298.2	1	
		08	8.0	240	325.2	341.9	296.0			08	9.4	248	318.0	345.4	297.2	1	
		10	7.7	240	323.3	340.1	294.3			10	12.1	248	315.6	347.6	284.0	1	
		12	6.6	240	322.5	338.4	294.7			12	14.3	248	313.2	346.7	280.5	1	
		14	6.7	240	322.3	338.2	291.7			14	13.8	248	314.9	349.2	279.3	1	
		16	6.1	240	323.4	337.6	290.4			16	12.8	248	318.9	352.7	282.5	1	
		18	5.0	240	326.6	338.9	307.0			18	10.7	248	322.2	346.1	286.5	1	
		20	4.2	239	329.8	342.0	314.9			20	10.2	248	321.7	346.6	290.8	1	
		22	4.1	240	330.2	339.9	316.3			22	10.0	248	321.1	347.3	292.3	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24011	01	00	6.2	248	298.5	322.1	286.9		07	00	11.6	279	326.0	356.5	288.8	1	
		02	6.4	246	298.7	322.7	287.2			02	11.0	279	325.5	356.1	296.1	1	
		04	6.5	246	299.1	322.7	286.9			04	10.4	279	324.8	356.4	300.5	1	
		06	6.6	247	299.1	319.5	287.7			06	10.2	279	325.3	352.6	302.8	1	
		08	6.6	246	299.2	319.7	286.2			08	11.3	279	325.3	357.0	293.3	1	
		10	6.1	248	298.1	317.3	283.9			10	13.4	279	322.1	357.9	288.0	1	
		12	5.6	248	296.5	311.9	282.9			12	14.2	279	317.7	357.8	286.3	1	
		14	5.4	248	295.5	310.6	278.4			14	15.2	279	315.3	368.6	278.7	1	
		16	5.1	247	296.0	311.4	283.8			16	15.7	278	315.3	363.2	280.0	1	
		18	5.5	248	297.4	314.5	285.7			18	15.7	279	316.4	372.9	275.0	1	
		20	5.9	248	298.4	316.3	286.0			20	14.2	279	325.6	377.0	285.4	1	
		22	6.2	247	298.6	321.3	286.4			22	12.8	279	327.2	371.7	292.3	1	
24011	02	00	4.6	225	297.4	315.1	285.4		08	00	11.5	279	322.2	351.4	296.2	1	
		02	4.6	226	297.6	316.7	287.0			02	11.0	279	322.2	354.2	295.2	1	
		04	4.8	226	297.7	316.7	287.2			04	10.5	279	322.4	351.8	298.7	1	
		06	4.8	226	297.7	316.4	287.2			06	10.5	279	322.3	351.5	299.3	1	
		08	4.8	226	297.7	315.5	286.3			08	12.0	279	322.7	352.2	294.2	1	
		10	4.4	226	296.2	309.9	282.2			10	13.4	279	318.5	351.4	286.4	1	
		12	4.3	226	294.8	306.6	280.3			12	15.2	279	313.6	347.6	279.6	1	
		14	4.4	226	293.9	304.8	276.6			14	16.1	279	309.5	356.9	268.6	1	
		16	4.1	226	294.4	304.9	278.4			16	16.0	279	309.3	345.5	269.4	1	
		18	4.0	226	295.5	307.5	280.6			18	15.9	279	311.8	351.0	276.6	1	
		20	3.9	226	296.5	311.8	285.8			20	14.1	279	320.2	368.1	283.4	1	
		22	4.2	226	297.0	314.0	285.4			22	12.5	278	320.9	352.6	290.8	1	
24011	03	00	3.9	248	296.6	312.6	285.8		09	00	10.2	270	306.3	337.2	278.0	1	
		02	4.1	248	296.8	313.7	286.4			02	9.8	270	306.9	338.2	281.7	1	
		04	4.2	248	296.8	313.1	286.2			04	9.4	270	307.1	337.8	284.6	1	
		06	4.3	248	296.9	311.8	286.6			06	9.0	270	307.1	334.7	284.6	1	
		08	4.2	248	296.4	311.1	285.6			08	10.2	270	306.1	335.1	283.2	1	
		10	4.3	248	294.7	307.1	277.6			10	11.5	270	302.8	330.5	275.0	1	
		12	4.7	248	293.6	305.2	269.5			12	13.0	270	298.8	333.0	267.6	1	
		14	4.9	248	293.0	303.3	269.7			14	13.6	270	295.7	329.0	266.4	1	
		16	5.0	248	293.2	303.9	267.5			16	13.6	270	295.2	332.2	266.6	1	
		18	4.6	248	294.1	304.9	271.4			18	12.5	270	298.8	330.5	268.2	1	
		20	3.7	248	295.9	308.6	283.2			20	11.1	270	304.3	333.4	280.7	1	
		22	3.7	248	296.5	311.7	285.2			22	10.4	270	305.5	331.1	282.1	1	
24011	04	00	4.9	240	296.3	314.2	283.9		10	00	7.4	279	297.9	330.7	281.0	1	
		02	4.7	240	296.9	320.5	285.9			02	6.5	279	298.4	319.8	282.5	1	
		04	4.5	240	297.2	319.8	284.2			04	6.0	279	298.9	320.7	284.5	1	
		06	4.3	240	297.4	322.5	287.9			06	6.2	279	299.0	330.7	283.3	1	
		08	5.5	240	295.6	320.6	283.0			08	6.8	279	298.8	329.4	283.0	1	
		10	7.2	240	292.1	323.6	267.7			10	8.4	279	295.4	329.6	275.0	1	
		12	8.6	240	289.3	331.6	265.5			12	9.7	279	291.8	328.2	267.6	1	
		14	9.7	240	288.1	323.0	264.9			14	10.4	279	289.3	322.8	259.2	1	
		16	9.9	240	288.0	320.5	263.6			16	10.7	279	289.0	321.8	257.7	1	
		18	9.7	240	288.8	314.9	267.4			18	9.7	279	292.7	323.2	267.2	1	
		20	7.3	240	293.6	323.2	276.9			20	8.2	278	295.9	327.9	276.9	1	
		22	6.0	240	295.7	326.4	282.3			22	7.7	279	297.2	330.9	278.8	1	
24011	05	00	9.5	248	302.5	336.0	283.1		11	00	4.6	240	295.8	309.6	280.7	1	
		02	8.6	248	303.2	337.8	285.4			02	4.3	240	296.0	309.1	281.3	1	
		04	7.9	248	303.3	333.3	287.4			04	4.0	240	296.2	308.1	284.3	1	
		06	7.9	248	303.5	332.4	287.6			06	3.7	240	296.4	307.5	285.0	1	
		08	9.4	248	301.0	336.6	281.3			08	3.7	240	296.2	307.5	285.2	1	
		10	11.1	248	297.7	339.3	277.0			10	4.7	240	294.7	308.9	279.6	1	
		12	12.1	248	295.0	334.4	268.6			12	5.4	240	292.5	309.5	267.3	1	
		14	12.8	248	293.6	338.9	271.9			14	6.0	240	290.8	307.5	262.5	1	
		16	12.6	248	292.8	339.1	268.9			16	5.9	240	291.9	309.0	270.4	1	
		18	13.0	248	293.4	337.8	269.4			18	5.0	240	293.7	305.7	275.5	1	
		20	11.7	248	298.6	338.0	271.6			20	4.6	240	294.7	306.1	277.9	1	
		22	10.4	248	302.0	334.9	276.8			22	4.5	240	295.4	308.2	281.0	1	
24011	06	00	12.0	240	317.1	354.1	287.8		12	00	4.7	247	296.5	317.4	286.3	1	
		02	11.3	240	316.5	350.1	292.3			02	4.7	248	296.7	316.5	288.3	1	
		04	11.4	240	315.9	351.2	286.7			04	4.9	248	296.8	316.0	287.5	1	
		06	11.5	240	316.4	352.3	286.1			06	5.2	248	296.7	317.8	285.4	1	
		08	12.9	240	315.2	356.7	283.4			08	5.4	248	296.8	317.1	284.6	1	
		10	14.7	240	312.2	359.4	279.8			10	4.7	248	295.8	313.6	281.0	1	
		12	14.8	240	309.1	346.5	275.3			12	4.7	247	294.2	309.1	281.3	1	
		14	15.7	240	307.2	345.6	273.6			14	4.8	248	293.2	307.4	280.3	1	
		16	15.9	240	307.5	351.8	271.8			16	4.6	247	293.9	309.0	280.3	1	
		18	15.8	240	308.9	359.7	275.2			18	4.5	248	295.2	311.7	282.6	1	
		20	15.3	240	315.8	358.5	281.2			20	4.6	248	296.0	315.2	285.8	1	
		22	13.0	240	317.4	351.7	285.9			22	4.7	248	296.2	316.8	284.4	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE				
24021	01	00	1.0		2	257.8	258.5	257.1	07	02	12.5	217	263.9	305.7	237.9	1					
		02	4.7	248	253.9	266.8	237.1														
		04	2.3	3	255.7	258.2	253.7														
		06	4.7	217	253.8	266.3	240.3														
		08	4.8	248	254.1	267.0	238.1														
		10	4.8	217	252.4	264.6	235.1														
		12	5.3	217	249.9	267.7	232.4														
		14	5.9	248	249.4	266.5	235.8														
		16	5.5	217	249.5	263.5	234.3														
		18	6.0	3	258.5	265.1	253.4														
		20	5.1	248	252.7	266.1	238.5														
		22	1.6	2	257.5	258.6	256.4														
24021	02	00	1.5		6	259.0	261.3	257.1	08	02	11.8	217	261.5	298.5	234.2	1					
		02	4.2	227	255.0	269.0	244.2														
		04	1.4	6	258.6	260.9	257.2														
		06	4.1	198	255.0	268.6	240.9														
		08	4.1	227	254.6	266.1	242.7														
		10	4.5	198	252.6	263.5	241.3														
		12	5.2	198	250.6	260.9	230.7														
		14	6.2	227	249.1	262.9	230.4														
		16	6.0	198	249.4	263.2	233.7														
		18	1.9	6	257.8	259.1	254.1														
		20	4.8	227	253.4	267.1	242.1														
		22	.6	6	258.8	259.4	257.8														
24021	03	00	1.9		7	257.6	259.8	255.2	09	02	10.1	210	257.4	286.2	233.4	1					
		02	4.3	247	253.8	264.1	238.0														
		04	2.7	8	258.1	263.2	253.9														
		06	4.0	217	254.2	263.3	242.2														
		08	4.5	248	253.1	262.5	238.7														
		10	5.1	217	250.8	266.9	234.6														
		12	5.5	217	249.0	260.6	229.6														
		14	6.0	248	248.1	261.7	229.7														
		16	6.3	217	248.1	260.1	232.6														
		18	2.5	8	257.9	261.6	253.8														
		20	5.2	248	251.9	266.3	237.4														
		22	2.0	5	257.0	259.6	254.0														
24021	04	00	.6		3	260.3	260.7	259.6	10	00	3.2	3	266.2	268.5	262.6	1					
		02	5.9	240	255.0	271.9	240.2														
		04	2.8	7	259.8	265.6	257.1														
		06	5.0	210	255.9	274.6	241.1														
		08	6.5	240	254.1	273.9	230.8														
		10	7.6	209	250.6	276.1	228.6														
		12	8.1	208	247.8	274.1	221.3														
		14	8.8	239	245.8	274.8	224.7														
		16	9.2	208	246.6	274.9	228.5														
		18	1.8	3	260.3	262.0	258.4														
		20	7.2	240	252.0	274.7	234.7														
		22	.3	3	258.5	258.8	258.2														
24021	05	00	1.8		3	260.5	261.6	258.4	11	00	2.6	4	259.9	261.9	256.1	1					
		02	8.0	216	258.2	276.8	237.1														
		04	2.0	3	260.2	262.0	258.1														
		06	7.1	186	260.0	278.6	241.2														
		08	8.9	217	258.0	282.5	234.9														
		10	9.7	186	254.2	281.7	229.1														
		12	10.4	186	251.2	288.5	227.5														
		14	11.7	217	249.4	283.4	221.9														
		16	10.8	186	249.8	279.6	220.5														
		18	15.3	4	257.5	272.2	239.8														
		20	10.0	216	255.7	279.3	228.6														
		22	1.6	2	263.6	264.7	262.4														
24021	06	02	10.2	210	261.5	287.2	227.5	12	00	0.0	2	255.8	255.8	255.8	1						
																06	9.1	180	262.6	285.9	232.4
		10	10.7	180	257.4	283.6	229.5														
																12	12.0	180	253.4	282.9	220.7
		16	13.6	180	248.8	298.9	223.7														
																20	12.4	210	258.7	296.6	225.3



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24023	01	00	3.7	248	283.6	293.3	272.2		07	00	13.3	248	318.4	356.5	279.2	1	
		02	3.7	248	283.8	295.6	267.0			02	12.7	248	319.0	351.2	278.3	1	
		04	3.4	248	284.1	297.5	271.7			04	11.9	248	319.1	351.2	285.6	1	
		06	3.5	248	284.0	298.4	272.7			06	11.8	248	319.8	347.3	284.8	1	
		08	3.6	248	284.2	298.3	270.4			08	13.2	248	319.2	346.8	280.8	1	
		10	4.1	248	282.6	293.5	267.8			10	14.3	248	315.1	349.2	269.8	1	
		12	4.4	248	280.1	291.0	261.9			12	15.7	248	309.7	347.1	256.5	1	
		14	6.1	248	277.8	289.7	252.9			14	16.8	248	305.1	338.2	254.8	1	
		16	6.1	248	278.3	291.4	258.7			16	17.3	248	303.4	341.2	252.2	1	
		18	4.5	248	281.2	292.3	263.1			18	17.2	248	306.3	347.1	262.2	1	
		20	4.1	248	282.8	292.0	263.1			20	15.8	248	315.5	357.2	272.3	1	
		22	3.8	248	283.5	295.4	269.2			22	13.8	248	317.8	355.3	283.2	1	
24023	02	00	3.6	226	284.1	303.9	272.6		08	00	12.8	248	319.1	352.9	281.2	1	
		02	3.4	226	284.5	301.2	270.8			02	11.4	248	319.1	348.7	288.7	1	
		04	3.4	226	284.2	299.9	272.4			04	10.4	248	319.4	347.2	289.3	1	
		06	3.1	226	284.6	300.8	276.4			06	9.8	248	319.2	348.4	294.8	1	
		08	3.5	226	284.6	300.6	273.1			08	10.7	248	320.6	352.6	290.9	1	
		10	4.3	226	282.4	296.0	268.3			10	12.0	248	317.6	355.3	281.2	1	
		12	5.7	226	279.9	293.7	263.8			12	13.2	248	312.8	342.9	279.7	1	
		14	6.8	226	277.4	293.9	258.1			14	14.6	248	309.4	339.9	266.8	1	
		16	7.2	224	277.5	292.8	255.9			16	15.3	246	308.0	343.6	256.3	1	
		18	5.8	226	280.4	292.7	261.3			18	15.0	248	311.9	345.7	270.2	1	
		20	3.8	226	283.2	298.6	270.4			20	13.8	248	320.0	350.4	272.7	1	
		22	4.0	226	283.8	297.0	266.9			22	13.2	248	319.5	351.5	277.7	1	
24023	03	00	4.5	248	283.5	296.8	265.3		09	00	12.2	225	299.8	342.2	273.9	1	
		02	4.2	248	283.9	296.6	271.8			02	11.2	231	300.1	334.9	275.5	1	
		04	3.6	248	284.0	292.9	272.4			04	10.4	230	300.7	330.8	279.5	1	
		06	3.8	248	283.9	294.3	268.8			06	10.3	230	300.5	332.9	273.0	1	
		08	3.8	248	283.3	295.4	271.6			08	12.0	226	299.8	335.3	266.8	1	
		10	6.0	248	279.9	297.1	260.0			10	14.8	229	295.4	335.2	263.7	1	
		12	7.3	248	277.1	296.1	253.7			12	15.3	226	289.9	330.1	262.5	1	
		14	8.5	248	274.7	294.3	245.6			14	16.6	229	286.5	330.5	254.2	1	
		16	8.8	248	274.0	290.2	247.1			16	16.4	231	286.5	334.7	252.9	1	
		18	7.6	248	276.3	300.8	255.7			18	15.1	228	291.4	338.9	261.6	1	
		20	5.1	248	281.3	293.6	259.1			20	14.2	224	297.7	339.5	245.8	1	
		22	4.9	248	282.7	299.3	264.3			22	13.3	227	298.9	337.3	268.3	1	
24023	04	00	7.9	240	286.5	312.3	269.7		10	00	9.6	247	290.6	333.7	268.0	1	
		02	7.2	240	287.3	310.5	270.2			02	9.2	248	290.8	333.6	270.7	1	
		04	6.7	240	287.4	310.4	270.7			04	8.6	248	290.9	327.8	272.9	1	
		06	6.3	240	287.5	311.2	271.0			06	8.3	248	291.1	326.6	272.0	1	
		08	7.9	240	285.9	309.9	258.0			08	9.3	247	291.1	329.3	269.7	1	
		10	9.5	240	281.8	310.0	249.2			10	10.6	248	286.5	331.1	261.8	1	
		12	10.8	240	278.4	310.4	244.0			12	12.1	248	282.0	334.1	255.5	1	
		14	11.5	240	276.4	312.5	249.8			14	13.1	248	278.9	332.0	248.5	1	
		16	11.5	240	275.1	305.2	251.0			16	12.8	248	278.4	326.9	249.4	1	
		18	11.0	240	277.1	303.8	252.0			18	11.6	248	284.1	329.7	257.6	1	
		20	8.9	240	283.4	310.7	252.9			20	10.5	246	288.2	331.8	264.5	1	
		22	8.4	240	285.6	313.8	256.5			22	9.7	248	289.4	331.7	267.9	1	
24023	05	00	10.6	217	298.5	332.8	269.3		11	00	5.0	240	284.4	303.0	269.8	1	
		02	9.9	217	298.8	335.5	267.5			02	4.2	240	284.8	301.0	271.6	1	
		04	9.3	217	298.9	338.4	274.8			04	4.2	240	284.9	303.5	267.4	1	
		06	9.2	217	299.2	335.2	268.5			06	4.2	240	285.0	303.3	268.7	1	
		08	11.7	217	297.6	332.8	264.1			08	4.1	240	285.2	303.6	268.3	1	
		10	13.4	217	293.3	331.8	259.4			10	5.9	240	281.9	307.6	266.2	1	
		12	14.1	217	289.8	328.2	253.9			12	7.4	240	278.1	310.4	256.8	1	
		14	14.3	217	288.3	320.7	254.9			14	8.2	240	274.9	296.5	251.3	1	
		16	14.7	217	287.2	323.4	250.9			16	8.2	240	275.8	295.4	254.0	1	
		18	14.6	217	288.8	327.2	255.7			18	6.5	240	280.5	297.9	256.7	1	
		20	12.5	217	295.6	333.4	267.3			20	5.3	240	283.0	297.7	266.8	1	
		22	10.8	217	298.6	335.1	276.4			22	4.9	240	284.0	301.9	267.2	1	
24023	06	00	13.6	210	311.9	353.8	278.8		12	00	3.3	248	283.6	290.7	269.3	1	
		02	12.9	210	311.5	340.9	272.4			02	3.2	248	283.8	290.7	273.0	1	
		04	11.9	210	310.9	343.1	278.9			04	3.3	248	283.9	291.0	270.3	1	
		06	12.1	210	311.8	342.8	283.8			06	3.3	248	283.9	293.3	271.4	1	
		08	13.9	210	311.1	345.0	281.5			08	3.2	248	284.0	292.3	273.3	1	
		10	14.8	210	306.6	345.5	270.4			10	3.8	248	282.2	290.1	270.7	1	
		12	15.3	209	302.8	337.2	267.0			12	4.4	248	279.3	289.2	263.7	1	
		14	16.5	210	300.1	340.3	259.1			14	5.9	248	277.4	288.1	261.2	1	
		16	16.5	210	299.2	338.5	258.6			16	5.7	248	278.4	290.8	263.2	1	
		18	16.7	210	301.7	341.1	261.7			18	4.1	248	281.5	292.6	269.5	1	
		20	15.0	210	309.2	344.7	271.3			20	3.6	248	283.0	293.3	267.3	1	
		22	13.8	210	311.6	352.7	278.7										

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24033	01	00	6.1	248	273.4	291.7	260.8		07	00	13.8	248	286.4	329.0	254.6	1	
		02	6.1	248	273.6	290.0	258.9			02	13.0	248	287.5	328.1	255.3	1	
		04	6.0	248	273.8	291.4	260.9			04	11.7	248	289.1	329.2	261.1	1	
		06	5.9	248	274.0	289.6	259.0			06	11.4	248	290.1	324.8	256.2	1	
		08	5.9	248	274.0	292.9	260.6			08	11.4	248	290.7	325.7	264.2	1	
		10	6.2	248	273.1	292.0	257.2			10	12.3	248	284.5	324.7	246.5	1	
		12	6.4	247	271.6	288.9	257.6			12	13.8	248	277.5	326.5	242.2	1	
		14	6.5	248	270.8	286.8	253.7			14	15.0	248	273.9	328.6	240.3	1	
		16	6.5	248	271.4	287.0	256.9			16	16.2	248	274.0	330.9	239.4	1	
		18	6.3	248	272.3	288.7	255.4			18	16.3	248	277.7	330.6	244.1	1	
		20	6.1	248	273.0	288.9	255.6			20	15.3	248	281.8	325.0	248.4	1	
		22	5.9	248	273.3	290.5	258.8			22	14.6	248	284.4	325.0	246.4	1	
24033	02	00	5.6	226	272.9	287.2	258.4		08	00	12.4	248	284.0	329.6	256.9	1	
		02	5.6	226	272.9	292.3	259.3			02	11.5	248	285.6	326.6	258.7	1	
		04	5.2	226	273.0	286.9	259.7			04	10.8	248	287.2	327.1	263.0	1	
		06	4.9	226	273.0	285.8	260.9			06	10.7	248	288.0	326.5	263.9	1	
		08	5.0	226	272.8	285.6	259.0			08	9.8	248	289.7	328.4	263.0	1	
		10	5.4	226	271.7	285.8	257.5			10	10.4	248	284.7	313.4	261.4	1	
		12	5.9	225	270.2	285.4	254.0			12	11.3	248	277.3	309.0	245.7	1	
		14	6.1	226	269.3	286.4	255.1			14	13.0	248	273.5	313.4	245.2	1	
		16	6.1	226	270.0	287.8	253.6			16	13.9	248	272.6	313.1	246.9	1	
		18	5.8	226	271.2	289.5	254.0			18	13.9	248	276.9	311.1	248.3	1	
		20	5.5	225	271.9	288.0	253.5			20	13.3	248	279.5	311.4	253.3	1	
		22	5.5	226	272.5	286.5	257.7			22	12.6	248	282.2	315.4	251.8	1	
24033	03	00	5.3	248	274.1	286.2	259.3		09	00	10.9	240	278.6	305.7	250.6	1	
		02	5.1	248	274.3	286.0	255.6			02	9.9	240	279.5	306.8	257.8	1	
		04	4.8	248	274.3	285.7	261.3			04	9.6	240	280.4	303.2	258.1	1	
		06	4.7	248	274.6	286.1	261.8			06	9.3	239	281.1	304.2	260.5	1	
		08	5.1	248	274.0	286.6	257.2			08	8.9	240	281.6	303.7	262.2	1	
		10	5.8	248	272.2	285.1	254.6			10	10.1	240	278.2	306.8	248.4	1	
		12	6.6	248	270.4	285.1	250.4			12	11.3	240	273.0	307.9	247.2	1	
		14	6.9	248	269.1	281.9	247.3			14	12.0	240	269.6	301.2	247.0	1	
		16	6.9	248	269.6	282.4	246.7			16	12.0	240	269.8	305.2	243.2	1	
		18	6.3	248	271.4	283.8	249.7			18	12.1	240	272.8	309.6	245.9	1	
		20	5.6	248	272.7	286.9	257.0			20	11.7	240	275.6	310.8	246.8	1	
		22	5.3	248	273.6	287.6	256.0			22	11.4	240	277.1	305.3	251.2	1	
24033	04	00	6.5	240	273.2	290.4	256.9		10	00	7.7	248	274.1	296.0	251.7	1	
		02	6.2	240	273.8	289.9	257.5			02	7.4	248	274.4	293.5	252.7	1	
		04	5.5	240	274.1	288.2	258.9			04	7.4	248	275.0	296.1	252.9	1	
		06	5.2	240	274.6	286.3	258.2			06	7.1	248	275.2	295.7	253.8	1	
		08	5.7	240	273.8	289.3	258.5			08	7.0	248	275.5	295.7	257.4	1	
		10	7.4	240	270.3	287.6	247.9			10	7.7	248	273.2	292.0	253.2	1	
		12	8.6	240	267.4	287.1	246.8			12	8.3	248	269.8	290.3	249.7	1	
		14	9.4	240	265.5	289.6	243.6			14	9.1	248	267.8	288.8	246.9	1	
		16	9.7	240	265.7	288.5	242.9			16	9.0	248	268.7	287.9	245.7	1	
		18	9.2	240	267.9	289.5	247.0			18	8.5	248	270.9	291.3	248.1	1	
		20	8.1	240	270.5	290.9	249.6			20	8.3	248	272.0	298.4	249.9	1	
		22	7.2	239	272.2	290.9	255.1			22	8.0	248	273.3	297.1	254.2	1	
24033	05	00	9.5	248	280.2	306.8	257.2		11	00	5.8	240	272.6	284.7	253.8	1	
		02	9.0	248	280.5	306.6	259.0			02	5.7	240	272.7	285.3	251.2	1	
		04	8.5	248	281.1	307.7	260.1			04	5.7	240	272.9	284.5	253.4	1	
		06	8.0	248	281.3	308.2	263.3			06	5.5	240	272.9	284.0	253.8	1	
		08	8.9	248	280.1	306.8	257.3			08	5.3	240	272.8	286.5	251.5	1	
		10	10.2	248	276.2	304.0	251.0			10	5.6	240	271.9	284.8	248.1	1	
		12	11.1	248	272.3	304.5	244.8			12	6.8	240	269.7	284.0	247.2	1	
		14	12.3	248	270.6	301.8	241.2			14	7.1	240	268.0	285.1	248.9	1	
		16	12.8	248	270.7	302.3	241.9			16	6.7	240	269.9	285.7	250.5	1	
		18	12.4	248	273.4	307.4	244.9			18	6.4	240	270.8	285.8	253.9	1	
		20	11.2	248	277.1	308.0	248.6			20	6.0	240	271.5	286.2	251.5	1	
		22	10.4	248	279.1	307.4	252.1			22	5.7	240	272.3	285.4	251.4	1	
24033	06	00	10.4	240	286.7	317.8	261.2		12	00	5.6	248	271.5	284.5	257.1	1	
		02	9.5	240	286.9	317.1	261.8			02	5.5	248	271.9	285.9	257.2	1	
		04	9.3	240	287.3	315.9	262.1			04	5.3	248	271.9	284.5	255.9	1	
		06	9.1	240	288.3	319.0	259.8			06	5.5	248	272.1	287.1	253.3	1	
		08	10.6	240	287.0	320.4	263.2			08	5.3	248	272.4	287.2	256.1	1	
		10	11.5	240	282.7	317.5	254.8			10	5.5	248	271.6	284.7	258.1	1	
		12	12.6	240	278.5	319.5	247.1			12	6.4	248	269.5	283.5	253.7	1	
		14	12.9	240	276.1	317.9	247.5			14	6.6	248	268.6	283.9	251.6	1	
		16	13.5	240	276.8	316.9	244.6			16	6.1	248	269.8	283.1	253.8	1	
		18	13.3	240	279.7	308.6	242.5			18	5.6	248	270.3	282.3	254.5	1	
		20	12.0	240	283.7	313.4	249.9			20	5.7	248	270.8	283.3	254.5	1	
		22	11.4	240	285.5	315.4	255.7			22	5.6	248	271.3	282.9	257.2	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24034	01	00	3.2	31	291.1	298.9	283.6		07	00	13.6	31	312.7	334.3	288.6	1	
		02	6.3	242	293.3	312.2	280.2			02	11.6	245	309.7	342.8	271.7	1	
		04	3.9	31	291.4	300.8	283.8			04	13.6	31	314.0	336.3	287.4	1	
		06	6.2	154	292.6	311.0	277.1			06	10.0	186	310.7	337.9	282.9	1	
		08	6.7	242	293.4	312.2	277.4			08	11.4	245	307.2	336.3	269.7	1	
		10	5.4	154	290.5	308.0	276.3			10	12.0	186	299.8	332.5	266.6	1	
		12	5.2	155	289.5	314.4	279.0			12	13.5	185	294.1	329.1	258.1	1	
		14	5.7	247	290.1	308.2	278.4			14	14.4	247	290.0	329.9	252.0	1	
		16	4.7	155	290.0	306.7	279.0			16	15.5	186	290.7	348.5	253.9	1	
		18	5.1	155	291.1	310.1	280.9			18	15.1	185	293.9	341.2	259.5	1	
		20	6.1	246	292.7	312.6	280.6			20	14.6	248	302.1	341.0	247.9	1	
22	3.1	31	290.7	297.9	284.6		22	13.4	31	314.1	340.3	287.2	1				
24034	02	00	4.5	28	293.6	306.1	286.9		08	00	12.5	31	298.0	322.7	272.9	1	
		02	4.8	225	292.7	311.0	283.3			02	11.5	248	306.1	335.3	264.6	1	
		04	4.6	28	293.9	304.7	286.3			04	12.1	31	302.8	331.5	278.2	1	
		06	5.0	141	292.2	310.8	282.6			06	10.2	186	308.8	336.3	283.1	1	
		08	5.0	225	292.3	309.0	283.1			08	11.8	248	305.2	335.2	277.1	1	
		10	4.3	141	289.7	301.2	279.9			10	13.6	186	301.1	338.1	269.3	1	
		12	3.9	141	288.4	298.8	275.4			12	14.5	186	295.3	333.3	262.6	1	
		14	4.1	225	288.1	299.6	273.6			14	14.8	248	288.2	331.5	250.6	1	
		16	4.0	141	288.7	298.6	277.3			16	15.3	186	289.7	334.8	252.7	1	
		18	3.9	141	290.5	302.4	278.9			18	14.7	186	293.2	333.9	262.9	1	
		20	4.2	226	291.4	305.4	280.5			20	13.8	248	298.1	333.4	266.0	1	
22	5.2	28	293.0	305.3	280.9		22	12.0	31	293.0	321.4	271.9	1				
24034	03	00	5.0	31	290.4	304.9	281.9		09	00	8.2	30	290.2	305.8	275.2	1	
		02	4.2	248	291.8	309.4	280.4			02	10.0	240	297.7	323.8	266.9	1	
		04	5.2	31	291.1	307.9	280.5			04	6.8	30	291.8	306.4	278.4	1	
		06	5.0	155	291.5	311.7	280.3			06	8.5	180	300.3	324.2	280.8	1	
		08	4.6	248	290.9	308.6	273.7			08	9.7	240	296.4	322.3	273.5	1	
		10	4.7	155	288.4	304.9	276.7			10	11.1	180	293.7	319.7	267.5	1	
		12	5.2	155	287.4	301.8	271.2			12	12.0	180	288.3	318.2	261.3	1	
		14	5.8	248	286.5	300.3	265.1			14	13.2	240	283.1	321.8	254.0	1	
		16	6.2	155	287.2	302.1	262.2			16	13.5	180	285.3	328.5	255.6	1	
		18	5.2	155	289.4	304.2	271.1			18	12.6	180	291.3	322.5	258.7	1	
		20	4.2	248	290.5	304.4	274.2			20	12.4	240	292.3	324.3	262.6	1	
22	4.6	31	290.3	303.8	282.4		22	8.5	30	287.2	302.2	272.5	1				
24034	04	00	6.6	30	291.1	305.1	274.4		10	00	4.8	25	286.9	295.1	276.4	1	
		02	5.4	239	290.5	308.6	270.5			02	6.0	242	291.1	313.4	274.2	1	
		04	3.8	30	291.8	300.7	283.1			04	3.8	25	289.3	295.8	283.4	1	
		06	4.3	150	291.3	305.7	279.7			06	5.5	180	292.7	310.3	277.6	1	
		08	6.1	239	288.1	311.2	269.0			08	6.2	242	290.7	310.6	275.5	1	
		10	7.3	149	284.3	304.7	268.7			10	7.7	180	287.1	310.2	267.3	1	
		12	8.9	149	281.2	309.7	258.0			12	8.5	179	283.0	304.9	252.4	1	
		14	10.0	240	278.4	312.2	249.7			14	9.3	239	279.6	305.4	248.1	1	
		16	10.3	150	278.8	306.0	255.1			16	9.4	179	281.2	309.9	251.8	1	
		18	9.5	149	282.8	309.6	258.0			18	8.3	179	286.0	310.8	261.8	1	
		20	8.2	238	286.6	306.2	263.4			20	7.4	241	288.4	312.1	271.4	1	
22	6.2	30	291.1	304.7	279.4		22	5.2	24	286.4	301.8	277.0	1				
24034	05	00	7.8	31	298.4	313.2	282.2		11	00							
		02	8.5	246	296.0	326.9	273.4			02	4.1	210	290.4	302.4	275.4	1	
		04	5.6	31	299.0	312.4	287.5			06	4.0	150	290.5	303.3	273.7	1	
		06	8.4	167	295.6	324.7	275.6			08	4.1	210	290.1	303.7	265.9	1	
		08	9.2	246	292.8	326.8	271.7			10	5.5	150	287.9	299.5	259.6	1	
		10	10.8	166	287.3	317.1	261.9			12	6.0	150	284.9	299.1	263.5	1	
		12	10.8	169	283.6	316.2	263.7			14	6.9	210	283.3	298.8	266.2	1	
		14	11.7	248	281.5	315.2	256.7			16	6.4	150	286.0	298.0	266.6	1	
		16	12.2	168	280.9	321.4	258.6			18	5.2	150	288.1	298.4	271.7	1	
		18	12.0	169	283.8	326.1	260.4			20	5.0	210	289.1	300.4	268.3	1	
		20	10.9	248	290.4	324.1	262.5										
22	7.9	31	297.6	307.7	280.0												
24034	06	00	6.5	30	304.4	321.1	293.4		12	00							
		02	11.3	240	305.9	337.6	277.2			02	4.9	217	291.1	306.8	278.6	1	
		04	6.3	30	306.5	320.1	297.4			06	4.5	155	290.8	308.8	276.7	1	
		06	10.7	181	304.7	341.6	279.6			08	5.1	217	291.3	309.3	278.2	1	
		08	12.1	240	302.5	341.7	270.4			10	4.4	155	289.3	303.5	276.5	1	
		10	13.5	181	296.2	339.4	265.9			12	4.8	155	287.5	299.8	272.1	1	
		12	13.3	179	291.7	337.8	262.9			14	5.4	217	287.1	299.1	270.7	1	
		14	14.2	240	289.9	338.5	254.0			16	4.7	155	288.5	299.9	274.9	1	
		16	14.0	180	289.9	332.1	258.7			18	4.5	155	289.4	302.1	278.0	1	
		18	14.3	180	292.5	333.4	258.7			20	4.4	217	290.6	303.2	278.8	1	
		20	13.6	240	300.3	332.1	259.8										
22	9.6	30	302.8	329.0	283.6												



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24090	01	00	5.5	248	278.3	293.8	261.6		07	00	12.7	248	303.2	340.8	268.4	1	
		02	5.5	248	278.4	295.5	254.2			02	12.1	248	302.9	340.5	273.9	1	
		04	5.6	248	278.5	295.4	250.7			04	12.4	248	303.0	339.9	265.4	1	
		06	5.4	248	278.8	294.3	252.5			06	13.3	248	304.8	340.6	260.8	1	
		08	5.2	248	278.6	293.6	262.9			08	14.6	248	301.4	339.3	258.0	1	
		10	5.4	248	277.2	289.9	256.1			10	14.9	248	297.3	341.1	251.1	1	
		12	6.6	248	275.2	288.6	249.3			12	15.8	248	293.5	331.8	251.2	1	
		14	6.6	248	274.8	288.2	253.1			14	16.1	248	291.2	332.5	250.2	1	
		16	5.8	248	276.8	289.7	255.1			16	17.4	248	291.6	335.0	240.5	1	
		18	5.3	248	278.3	291.0	255.1			18	16.3	175	296.9	339.7	260.6	1	
		20	5.3	248	278.4	293.0	260.4			20	14.6	248	300.4	338.2	263.2	1	
		22	5.1	248	278.6	293.8	260.2			22	13.9	248	302.7	342.1	259.9	1	
24090	02	00	4.6	226	278.1	291.1	262.9		08	00	13.1	248	300.7	335.5	266.4	1	
		02	4.4	226	277.9	290.8	262.7			02	12.4	248	301.0	334.0	269.5	1	
		04	4.5	226	277.8	287.8	260.0			04	12.2	248	300.6	331.9	266.1	1	
		06	4.5	226	277.8	288.3	265.3			06	12.7	248	301.5	334.5	264.4	1	
		08	5.0	226	277.2	287.9	252.3			08	14.0	248	297.7	334.6	261.5	1	
		10	6.4	226	275.1	286.2	252.1			10	15.0	248	293.1	333.8	256.1	1	
		12	7.1	226	273.7	285.1	251.3			12	15.0	248	289.1	324.2	253.0	1	
		14	7.7	226	273.1	284.4	248.1			14	16.8	248	287.0	347.5	249.8	1	
		16	7.2	226	274.4	286.7	250.6			16	17.7	248	287.6	340.8	244.4	1	
		18	5.2	226	277.2	290.8	257.8			18	16.5	248	293.6	331.2	252.1	1	
		20	4.8	226	277.9	287.9	260.4			20	14.3	248	297.7	326.6	256.6	1	
		22	4.7	226	277.8	286.9	260.5			22	13.5	248	300.0	327.1	262.2	1	
24090	03	00	4.2	248	278.4	288.4	264.9		09	00	12.2	240	286.4	321.9	260.9	1	
		02	4.3	248	278.5	288.8	261.6			02	11.7	240	286.4	316.9	262.2	1	
		04	4.3	248	278.4	288.2	261.4			04	10.8	240	286.7	314.8	263.2	1	
		06	4.1	248	278.6	288.8	263.3			06	11.1	240	286.9	315.3	262.7	1	
		08	4.9	248	277.5	286.6	259.9			08	13.0	240	284.0	316.5	252.4	1	
		10	5.9	248	275.4	288.4	255.6			10	13.7	240	280.7	318.4	253.4	1	
		12	6.9	248	273.7	284.8	252.0			12	13.9	240	278.1	317.1	239.2	1	
		14	7.5	248	273.0	284.9	245.5			14	14.0	240	276.3	312.6	239.0	1	
		16	7.4	248	274.1	287.7	245.2			16	14.7	240	277.4	325.8	245.9	1	
		18	5.4	248	277.2	287.2	255.9			18	14.1	240	282.4	326.2	254.8	1	
		20	4.5	248	278.1	287.5	264.8			20	13.0	240	284.1	322.2	256.7	1	
		22	4.4	248	278.2	288.4	262.0			22	12.1	240	285.6	320.4	258.6	1	
24090	04	00	5.9	240	278.4	293.9	263.1		10	00	8.5	248	280.4	309.6	256.3	1	
		02	5.6	240	278.7	296.9	259.5			02	8.2	248	280.5	311.5	257.7	1	
		04	5.2	240	279.0	295.2	263.6			04	7.9	248	280.2	310.4	255.5	1	
		06	5.7	240	278.8	295.4	259.3			06	7.7	248	280.6	310.9	257.6	1	
		08	7.4	240	275.7	294.8	255.2			08	8.7	248	279.0	312.1	256.7	1	
		10	8.6	239	272.7	292.9	245.0			10	10.1	248	275.6	308.7	250.0	1	
		12	9.1	240	270.5	293.6	248.0			12	11.0	248	273.1	301.2	248.1	1	
		14	10.1	240	269.3	297.8	244.2			14	11.2	247	271.4	303.1	245.9	1	
		16	10.1	240	269.3	298.0	246.2			16	10.6	248	273.3	302.0	244.2	1	
		18	8.4	240	274.2	305.6	252.3			18	9.4	248	277.8	306.5	255.1	1	
		20	7.2	240	277.6	300.0	256.3			20	9.2	248	279.3	307.4	256.3	1	
		22	6.2	240	278.3	297.6	260.4			22	8.5	248	279.8	306.1	258.6	1	
24090	05	00	9.2	217	287.2	328.1	257.5		11	00	5.4	240	277.6	289.6	256.5	1	
		02	8.6	217	287.1	324.5	266.2			02	4.4	240	277.9	288.6	257.2	1	
		04	8.4	217	287.0	320.2	268.2			04	5.0	240	277.6	288.3	259.1	1	
		06	9.0	217	287.0	317.7	264.6			06	4.8	239	277.7	288.2	257.3	1	
		08	10.4	216	284.0	317.6	257.8			08	5.2	238	276.9	288.9	257.2	1	
		10	11.2	217	281.5	323.4	251.6			10	6.6	240	273.8	290.5	254.2	1	
		12	10.8	217	279.6	312.1	250.5			12	7.3	240	271.5	293.7	248.9	1	
		14	11.2	217	278.2	307.4	248.2			14	7.5	240	271.1	288.9	245.2	1	
		16	11.6	217	278.2	317.1	254.7			16	6.2	240	274.5	290.6	251.0	1	
		18	10.7	217	282.6	314.2	258.3			18	5.4	240	276.8	289.6	255.0	1	
		20	9.8	217	286.1	321.9	253.7			20	5.5	240	277.3	290.0	257.2	1	
		22	9.2	217	287.6	316.8	255.1			22	5.4	240	277.7	290.5	260.6	1	
24090	06	00	12.1	210	298.8	345.0	273.6		12	00	4.8	248	277.4	288.7	259.9	1	
		02	11.4	210	297.9	346.7	271.7			02	5.0	248	277.0	288.1	257.7	1	
		04	11.1	210	297.1	344.0	275.0			04	5.1	248	277.0	289.5	253.6	1	
		06	11.7	210	298.5	341.6	268.2			06	4.8	248	277.2	290.7	260.2	1	
		08	13.3	209	296.8	342.9	263.9			08	5.1	248	276.9	289.3	262.7	1	
		10	13.6	210	294.0	333.7	249.7			10	5.8	248	275.2	288.5	257.4	1	
		12	14.5	210	292.7	336.3	249.7			12	6.7	248	273.6	289.0	250.8	1	
		14	15.1	210	292.1	335.4	251.9			14	6.4	248	273.5	289.8	250.6	1	
		16	15.5	210	292.3	338.6	249.4			16	5.2	248	275.7	289.2	258.5	1	
		18	15.0	210	297.0	344.3	254.0			18	4.8	248	276.9	288.7	260.9	1	
		20	13.9	210	298.7	342.8	259.5			20	4.8	248	277.1	288.0	261.7	1	
		22	12.9	210	299.1	342.5	270.1			22	4.9	248	277.2	287.7	262.5	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24127	01	00	4.7	248	271.0	282.2	250.8		07	00	13.5	248	280.8	319.1	244.7	1	
		02	4.8	247	270.8	281.6	250.8			02	13.7	248	282.0	315.6	246.4	1	
		04	5.0	248	270.7	281.3	247.9			04	13.5	246	283.3	318.4	250.1	1	
		06	4.8	248	270.9	281.4	249.6			06	13.0	248	284.1	313.9	257.5	1	
		08	4.8	248	271.0	281.2	250.7			08	13.8	248	279.8	315.4	247.0	1	
		10	4.8	248	270.2	282.0	253.8			10	15.0	248	272.7	318.6	242.1	1	
		12	4.8	248	268.7	281.7	251.7			12	15.6	248	267.2	321.0	235.0	1	
		14	4.9	248	268.1	280.1	248.3			14	16.2	248	263.6	319.1	234.9	1	
		16	5.1	248	268.8	279.7	247.5			16	17.7	248	262.9	324.1	232.4	1	
		18	4.9	248	270.7	286.4	251.1			18	17.8	248	265.5	319.3	232.9	1	
		20	4.6	248	271.4	282.2	252.5			20	16.0	247	275.9	328.7	240.6	1	
		22	4.5	248	271.3	283.4	253.4			22	15.5	248	279.5	323.0	237.7	1	
24127	02	00	4.7	224	270.6	281.8	252.9		08	00	12.7	248	278.1	315.5	252.6	1	
		02	4.6	226	270.7	280.9	252.1			02	12.5	248	279.5	319.3	253.5	1	
		04	4.0	226	270.9	280.7	257.6			04	12.1	248	280.2	323.0	253.8	1	
		06	4.0	226	271.2	280.5	254.9			06	11.9	248	281.1	323.0	253.4	1	
		08	4.2	226	271.0	281.4	256.9			08	13.2	248	278.7	321.9	254.0	1	
		10	4.8	224	269.2	280.7	250.3			10	14.5	248	272.0	320.5	243.8	1	
		12	5.5	226	267.4	281.8	247.0			12	14.6	248	265.5	316.9	238.0	1	
		14	6.1	226	266.3	279.8	246.2			14	15.2	248	263.0	315.5	239.5	1	
		16	5.8	226	266.4	270.6	244.8			16	14.4	248	261.0	311.0	236.8	1	
		18	4.9	226	269.4	280.1	250.8			18	14.4	248	264.4	314.4	236.6	1	
		20	4.6	226	270.5	281.2	252.4			20	12.7	248	274.5	316.0	249.6	1	
		22	4.7	226	270.5	281.3	252.4			22	12.6	248	276.7	316.5	254.7	1	
24127	03	00	5.4	248	269.2	285.1	249.0		09	00	9.0	239	272.9	303.8	251.8	1	
		02	5.3	248	269.6	284.7	243.8			02	9.4	240	273.3	310.0	250.4	1	
		04	5.3	248	269.3	281.4	243.5			04	8.8	240	274.2	311.0	253.9	1	
		06	5.1	248	269.6	281.2	245.6			06	8.4	240	275.0	311.4	251.2	1	
		08	5.5	247	268.5	283.7	250.6			08	9.1	240	272.8	311.3	250.2	1	
		10	6.1	247	265.1	280.1	244.0			10	9.9	240	265.7	310.4	244.1	1	
		12	6.9	247	262.8	279.5	242.9			12	10.0	240	261.2	303.0	241.7	1	
		14	7.0	248	261.9	278.5	240.6			14	10.5	240	257.6	299.6	229.2	1	
		16	8.1	248	262.1	288.7	239.2			16	11.3	240	257.6	314.7	231.1	1	
		18	7.0	248	265.8	285.2	246.3			18	11.2	240	264.5	312.4	241.2	1	
		20	5.9	248	268.6	286.2	250.3			20	9.3	240	271.2	308.7	247.7	1	
		22	5.4	248	269.4	286.4	250.7			22	9.1	240	272.8	305.6	250.9	1	
24127	04	00	7.1	240	270.4	291.4	247.1		10	00	8.3	248	272.7	296.9	247.6	1	
		02	6.9	240	270.6	288.4	247.8			02	7.7	248	272.9	294.6	246.5	1	
		04	6.6	240	270.9	287.7	245.7			04	7.5	248	273.0	294.3	246.5	1	
		06	6.4	240	271.6	288.5	248.0			06	7.3	248	273.4	295.5	246.4	1	
		08	7.0	240	269.0	286.0	251.0			08	7.6	248	272.3	296.3	248.3	1	
		10	8.2	240	264.3	283.4	245.4			10	8.8	248	267.3	295.4	244.1	1	
		12	8.5	240	262.2	282.4	242.9			12	9.6	248	263.9	291.0	240.4	1	
		14	8.6	240	260.9	285.2	238.6			14	9.7	248	262.0	295.2	239.8	1	
		16	9.0	240	260.8	284.1	239.4			16	9.7	248	263.2	299.1	239.5	1	
		18	8.7	240	263.3	285.2	243.2			18	9.3	248	270.8	296.2	242.4	1	
		20	7.8	240	268.5	289.1	246.6			20	8.5	248	273.2	294.2	244.3	1	
		22	7.2	240	270.0	290.6	247.2			22	8.2	247	273.2	297.5	244.6	1	
24127	05	00	8.5	248	274.4	294.4	248.5		11	00	5.2	240	273.6	288.7	252.3	1	
		02	7.9	248	274.9	291.7	252.9			02	5.4	239	273.1	290.4	251.8	1	
		04	7.4	248	275.7	293.9	252.5			04	5.3	239	272.8	289.6	254.0	1	
		06	7.9	248	275.4	297.7	254.3			06	5.1	240	272.8	291.4	253.2	1	
		08	8.8	248	271.4	296.6	246.8			08	5.3	240	272.7	291.7	255.4	1	
		10	9.7	248	266.6	290.4	244.8			10	6.5	240	270.4	294.5	250.7	1	
		12	10.4	248	263.5	291.4	243.1			12	7.0	240	268.0	287.8	247.7	1	
		14	10.9	248	262.0	295.0	235.3			14	7.1	240	266.8	288.9	248.3	1	
		16	10.5	248	260.9	291.0	236.9			16	6.8	240	268.8	288.9	248.9	1	
		18	12.0	248	264.3	303.3	239.7			18	6.5	240	272.8	289.8	251.1	1	
		20	9.7	248	271.1	298.9	244.0			20	5.9	240	273.6	290.3	254.8	1	
		22	8.8	248	273.6	296.0	249.7			22	5.5	240	273.7	289.4	253.8	1	
24127	06	00	10.4	240	273.5	298.9	242.1		12	00	4.4	247	272.4	285.6	259.2	1	
		02	9.9	240	274.7	309.1	244.3			02	4.6	247	272.2	286.4	256.8	1	
		04	9.4	240	275.4	305.4	244.1			04	4.6	248	272.3	286.1	256.4	1	
		06	9.1	240	275.6	300.8	247.1			06	4.4	248	272.3	285.1	256.2	1	
		08	10.0	240	270.9	300.6	243.9			08	4.3	248	272.3	283.3	254.1	1	
		10	11.0	240	265.0	298.5	240.4			10	4.6	247	271.6	283.7	255.2	1	
		12	10.9	240	260.9	295.8	236.0			12	5.2	248	270.1	283.2	245.5	1	
		14	11.6	240	258.5	294.8	233.8			14	5.3	248	269.7	289.4	248.1	1	
		16	10.9	240	257.6	288.7	233.7			16	4.6	248	271.0	283.5	255.2	1	
		18	12.0	239	259.9	301.3	234.8			18	4.3	248	272.5	285.8	255.9	1	
		20	11.1	240	268.9	310.0	239.2			20	4.4	248	272.7	286.6	257.5	1	
		22	10.2	240	272.4	310.6	245.3			22	4.7	248	272.4	285.3	256.6	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24131	01	00	4.7	248	284.9	297.3	269.3		07	00	10.1	248	284.6	323.3	263.7	1	
		02	4.6	248	285.1	297.7	270.1			02	9.5	248	286.9	317.8	263.3	1	
		04	4.7	248	285.0	296.3	269.3			04	9.1	248	288.2	319.9	262.7	1	
		06	4.8	248	285.0	295.7	270.9			06	8.9	248	288.4	325.0	261.0	1	
		08	5.0	247	284.8	297.4	268.7			08	9.9	248	286.9	318.7	261.3	1	
		10	5.1	248	284.3	299.3	270.1			10	9.8	248	285.4	320.6	254.9	1	
		12	5.3	247	283.2	299.8	266.2			12	10.8	247	281.2	319.8	253.8	1	
		14	5.6	248	282.5	299.1	264.2			14	11.0	247	276.7	308.5	254.1	1	
		16	5.4	248	283.0	298.1	266.4			16	10.9	247	272.9	319.5	250.7	1	
		18	5.1	248	284.2	298.0	268.0			18	11.5	248	276.5	320.7	252.9	1	
		20	5.2	248	284.7	301.1	266.7			20	11.2	248	282.9	321.4	259.6	1	
		22	5.2	247	284.7	301.1	268.6			22	10.1	248	282.8	321.2	260.0	1	
24131	02	00	4.5	226	285.4	302.0	271.0		08	00	10.5	246	280.8	314.4	259.2	1	
		02	4.3	226	285.3	300.5	273.0			02	9.9	247	283.3	311.9	261.7	1	
		04	4.0	225	285.5	296.4	274.1			04	9.5	248	284.8	311.9	262.3	1	
		06	4.1	226	285.4	296.0	272.3			06	9.1	248	285.0	312.2	261.8	1	
		08	4.1	226	285.4	296.2	271.0			08	9.6	248	283.8	311.6	262.3	1	
		10	4.9	225	283.8	297.8	269.3			10	9.9	248	282.8	314.1	256.2	1	
		12	5.5	226	282.1	297.2	265.6			12	10.1	248	278.8	313.0	248.3	1	
		14	5.6	226	281.0	293.7	265.4			14	10.0	248	275.3	307.1	243.0	1	
		16	5.8	226	281.3	301.7	264.0			16	10.2	248	272.4	305.7	245.3	1	
		18	5.4	226	283.7	300.2	264.1			18	10.4	248	276.6	309.4	244.5	1	
		20	5.1	226	284.6	301.0	269.6			20	10.1	248	280.9	310.5	248.8	1	
		22	4.7	226	285.1	296.7	268.7			22	10.3	248	279.3	310.4	250.5	1	
24131	03	00	5.2	248	282.9	296.1	267.1		09	00	10.2	240	280.2	315.2	258.6	1	
		02	4.9	248	283.0	302.9	268.1			02	9.9	240	281.6	315.1	261.6	1	
		04	4.5	248	283.4	299.5	268.4			04	9.3	240	282.5	317.8	263.8	1	
		06	4.3	248	283.7	298.3	271.6			06	8.9	240	283.2	315.7	267.2	1	
		08	4.5	248	283.5	299.5	272.6			08	10.0	240	281.7	311.8	262.4	1	
		10	5.6	248	280.3	300.2	267.3			10	10.6	240	279.8	316.3	256.4	1	
		12	6.4	248	277.7	300.6	260.1			12	10.2	240	276.7	309.7	251.1	1	
		14	6.5	248	275.8	301.5	257.3			14	10.1	240	274.3	310.7	245.2	1	
		16	7.4	247	275.3	297.0	257.0			16	10.5	240	273.2	306.1	242.5	1	
		18	6.9	248	277.6	298.8	260.4			18	10.1	240	279.5	308.0	255.0	1	
		20	5.9	248	280.7	299.1	262.8			20	10.7	240	280.6	320.7	249.8	1	
		22	5.4	248	282.4	297.8	262.5			22	10.2	240	280.2	322.7	259.5	1	
24131	04	00	7.0	240	282.7	299.8	257.0		10	00	8.5	248	283.0	304.6	258.6	1	
		02	6.5	240	283.3	302.0	259.3			02	8.3	248	283.5	304.5	258.4	1	
		04	5.9	240	283.9	302.9	268.0			04	8.1	248	284.1	308.5	255.4	1	
		06	5.6	240	284.6	299.8	269.5			06	7.8	248	284.0	307.8	256.5	1	
		08	6.7	240	282.6	302.9	266.0			08	8.2	248	283.2	307.0	257.4	1	
		10	7.7	239	278.9	306.2	262.5			10	8.8	248	280.5	305.8	259.0	1	
		12	8.2	240	275.4	297.1	258.7			12	8.8	248	277.4	303.5	256.4	1	
		14	8.9	240	272.6	298.2	253.6			14	9.3	248	275.7	304.8	251.0	1	
		16	9.0	240	271.3	303.3	254.9			16	9.1	248	276.4	303.9	250.4	1	
		18	8.9	240	273.5	301.4	254.4			18	8.7	248	281.7	305.0	251.9	1	
		20	7.7	240	278.2	303.8	257.5			20	8.8	248	282.7	308.3	253.1	1	
		22	7.5	240	281.6	303.5	257.1			22	8.6	248	282.9	307.8	257.8	1	
24131	05	00	8.9	217	286.8	309.3	264.9		11	00	6.6	240	286.4	303.7	266.7	1	
		02	8.5	216	287.8	313.1	264.8			02	6.2	240	286.7	302.5	265.3	1	
		04	8.0	216	287.9	311.5	263.3			04	6.2	240	286.4	302.8	262.1	1	
		06	7.5	214	288.1	307.8	265.1			06	5.9	240	286.2	302.8	266.3	1	
		08	8.2	217	286.0	305.7	261.4			08	6.0	240	286.2	304.7	264.7	1	
		10	9.2	217	283.5	308.5	256.2			10	7.1	240	285.0	304.6	261.3	1	
		12	10.1	216	279.4	302.7	251.4			12	7.8	240	283.1	303.3	256.5	1	
		14	10.3	217	277.0	303.5	252.7			14	8.1	240	281.1	299.7	258.1	1	
		16	10.6	217	275.7	316.2	252.4			16	8.2	240	282.3	301.3	257.1	1	
		18	10.2	217	277.8	307.3	251.6			18	7.1	240	285.1	302.4	260.9	1	
		20	10.0	217	283.2	308.3	250.9			20	6.9	240	285.9	303.2	261.9	1	
		22	9.6	217	285.7	312.0	254.2			22	6.8	240	286.3	303.1	262.1	1	
24131	06	00	10.0	209	288.5	314.6	261.0		12	00	4.5	248	285.8	299.3	273.1	1	
		02	9.1	210	289.9	310.0	264.4			02	4.4	248	285.8	297.7	272.9	1	
		04	8.3	210	290.5	308.0	270.7			04	4.1	247	285.8	296.8	272.5	1	
		06	8.6	210	291.0	312.4	269.5			06	4.2	248	285.8	295.5	271.2	1	
		08	9.2	209	288.7	318.6	268.8			08	4.2	248	285.8	295.6	271.8	1	
		10	10.5	210	285.6	319.6	259.2			10	4.6	248	285.4	296.4	267.8	1	
		12	11.0	210	280.7	318.1	257.9			12	5.2	248	284.5	297.4	266.1	1	
		14	11.5	210	277.7	320.0	251.0			14	5.7	248	283.8	299.6	264.6	1	
		16	12.1	210	275.7	314.0	248.2			16	5.3	248	284.4	300.5	267.4	1	
		18	11.8	209	277.1	311.7	243.4			18	4.8	248	285.5	300.0	266.1	1	
		20	11.7	210	283.5	318.6	248.0			20	4.9	248	285.7	300.8	269.6	1	
		22	11.0	210	287.0	312.9	252.3			22	4.4	248	286.0	300.7	275.4	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24134	01	04	3.9	248	271.4	281.8	259.3		07	04	8.3	248	273.1	299.0	253.0	1	
		10	4.3	248	270.4	284.7	260.4			10	9.4	248	267.9	305.7	246.6	1	
		16	4.9	248	269.3	284.2	256.2			16	10.7	248	255.1	301.0	234.4	1	
		22	3.9	248	271.3	283.3	260.5			22	9.7	248	266.8	301.5	244.0	1	
24134	02	04	3.5	226	271.9	283.1	262.6		08	04	8.8	248	271.3	305.7	251.4	1	
		10	4.5	226	269.9	281.2	257.5			10	9.1	248	265.6	296.7	241.4	1	
		16	6.3	226	268.1	283.6	248.6			16	11.0	248	254.2	299.1	231.6	1	
		22	3.9	226	271.5	283.3	261.5			22	10.4	248	266.1	308.3	243.7	1	
24134	03	04	3.6	248	271.0	283.3	261.5		09	04	7.4	240	270.0	300.0	253.9	1	
		10	5.8	248	267.1	286.2	250.3			10	8.3	240	264.0	292.5	241.6	1	
		16	7.5	248	263.3	280.1	244.0			16	10.2	240	253.8	290.7	235.1	1	
		22	4.4	248	270.0	283.8	249.8			22	8.8	240	266.1	293.3	247.4	1	
24134	04	04	4.8	240	270.4	285.6	254.2		10	04	5.9	248	272.4	288.2	257.5	1	
		10	6.7	240	263.0	289.8	245.8			10	7.8	248	267.5	286.4	248.3	1	
		16	9.1	240	257.4	291.1	238.5			16	9.9	248	261.2	290.4	240.5	1	
		22	6.2	240	267.9	288.4	250.8			22	7.0	248	270.1	285.1	253.9	1	
24134	05	04	6.2	248	273.7	292.1	253.6		11	04	4.9	240	273.2	293.9	257.6	1	
		10	8.7	248	266.3	293.4	243.9			10	6.6	240	270.8	292.5	251.1	1	
		16	11.1	248	259.6	296.2	233.3			16	8.3	240	268.0	289.7	248.5	1	
		22	9.0	248	270.8	295.3	251.5			22	5.7	240	273.0	293.3	255.2	1	
24134	06	04	7.6	240	274.9	295.8	253.3		12	04	3.8	248	272.9	281.0	262.5	1	
		10	9.1	240	267.3	293.0	241.9			10	4.7	248	272.1	285.4	260.3	1	
		16	11.0	240	259.4	296.1	237.3			16	5.3	248	271.0	283.5	253.8	1	
		22	9.4	240	270.8	300.1	247.9			22	4.1	248	272.8	281.7	254.2	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24143	01	00	6.6	217	274.1	293.2	255.4		07	00	11.6	248	285.1	314.3	255.6	1	
		02	6.6	217	274.2	290.9	259.6			02	10.9	248	286.1	317.2	259.2	1	
		04	6.6	217	274.3	291.8	260.1			04	9.8	248	287.1	319.0	256.8	1	
		06	6.7	217	274.3	293.2	260.8			06	10.1	248	287.5	318.2	263.6	1	
		08	6.6	217	274.6	291.4	260.9			08	11.4	248	284.8	318.6	256.1	1	
		10	6.6	217	273.6	290.1	258.8			10	12.8	248	278.9	314.9	250.7	1	
		12	6.8	215	272.3	288.9	253.2			12	13.7	247	274.5	313.9	243.2	1	
		14	6.9	217	271.8	288.7	250.6			14	14.8	248	271.6	315.4	243.3	1	
		16	6.3	217	272.7	288.2	252.9			16	15.9	248	271.0	323.6	241.0	1	
		18	6.3	217	273.6	290.7	256.1			18	15.7	248	273.9	322.7	242.6	1	
		20	6.2	217	274.0	290.9	255.7			20	14.5	248	280.0	320.0	249.0	1	
		22	6.3	217	274.1	292.1	256.6			22	13.1	248	282.8	318.9	254.3	1	
24143	02	00	4.9	197	271.7	283.0	257.5		08	00	11.6	247	280.7	311.6	253.1	1	
		02	5.1	197	271.6	283.8	255.1			02	10.9	248	282.4	310.9	253.9	1	
		04	5.2	197	271.6	284.0	255.7			04	10.2	248	283.8	306.2	255.4	1	
		06	5.2	197	271.7	284.3	256.9			06	9.8	248	284.4	307.0	251.8	1	
		08	5.6	197	271.6	285.2	253.7			08	10.4	248	282.2	307.9	250.4	1	
		10	6.2	197	270.0	284.5	252.5			10	11.4	248	276.8	306.3	248.6	1	
		12	6.4	197	268.7	284.1	248.9			12	12.3	248	271.5	304.8	241.4	1	
		14	6.3	197	267.9	284.3	246.8			14	12.9	248	267.4	303.4	241.1	1	
		16	6.1	197	268.3	284.1	245.0			16	13.6	248	266.1	308.4	234.7	1	
		18	5.3	197	270.0	282.6	249.5			18	14.0	248	269.8	309.8	243.7	1	
		20	4.9	197	271.1	282.1	254.3			20	13.4	248	275.1	310.2	246.6	1	
		22	4.9	197	271.3	282.3	257.6			22	12.7	248	278.4	311.9	252.4	1	
24143	03	00	5.2	217	273.2	289.7	261.1		09	00	9.3	240	276.8	300.3	254.9	1	
		02	5.4	217	273.2	290.7	260.7			02	9.1	240	277.7	299.0	255.3	1	
		04	5.3	217	273.2	291.2	260.6			04	8.5	240	278.2	298.6	257.6	1	
		06	5.3	217	273.5	292.4	260.5			06	8.4	240	278.7	299.0	258.6	1	
		08	5.5	217	272.9	289.8	259.3			08	8.9	240	277.3	297.6	255.6	1	
		10	6.2	217	271.2	288.0	256.6			10	9.8	240	272.8	297.8	246.0	1	
		12	6.6	217	269.7	286.5	253.6			12	10.5	240	268.7	297.9	244.3	1	
		14	7.0	217	268.5	285.5	249.4			14	11.2	240	266.1	305.5	244.6	1	
		16	7.1	217	268.7	284.0	250.5			16	11.5	240	265.5	300.3	242.2	1	
		18	6.1	217	271.3	286.2	255.9			18	10.8	240	268.8	300.9	245.8	1	
		20	5.6	217	272.6	287.9	256.9			20	10.0	239	272.6	302.0	249.5	1	
		22	5.4	217	273.0	288.3	259.8			22	9.7	240	275.2	301.8	254.6	1	
24143	04	00	6.4	210	272.0	286.1	255.6		10	00	7.6	248	273.2	296.4	248.4	1	
		02	6.3	210	272.4	286.5	255.0			02	7.5	248	273.2	296.0	250.0	1	
		04	6.2	210	272.9	287.2	254.0			04	7.5	248	273.7	298.1	248.3	1	
		06	6.3	210	273.0	289.1	252.3			06	7.4	248	273.9	296.2	250.4	1	
		08	7.5	210	270.7	288.7	251.8			08	7.8	248	273.3	296.5	246.7	1	
		10	8.3	210	267.4	287.5	248.6			10	8.5	248	270.3	296.1	246.8	1	
		12	8.9	209	264.7	285.8	244.4			12	8.9	248	267.2	295.3	246.8	1	
		14	9.7	210	263.1	285.0	239.4			14	9.2	248	265.8	289.7	241.3	1	
		16	10.1	210	263.1	297.9	242.3			16	9.4	248	266.8	294.9	243.3	1	
		18	9.5	210	265.1	293.2	240.7			18	8.4	248	269.8	292.2	247.9	1	
		20	8.0	210	269.2	292.6	249.7			20	8.3	248	271.4	293.5	250.0	1	
		22	7.2	210	270.8	285.2	250.3			22	8.0	246	272.4	293.7	247.4	1	
24143	05	00	9.0	217	276.0	298.4	251.6		11	00	6.3	240	271.4	284.5	249.0	1	
		02	8.5	217	276.7	298.2	255.7			02	6.1	240	271.4	284.5	251.3	1	
		04	8.1	217	277.2	294.9	254.2			04	6.1	240	271.6	285.3	249.6	1	
		06	7.9	217	277.4	296.2	254.5			06	6.0	240	271.9	285.2	251.1	1	
		08	8.8	217	274.6	296.0	245.1			08	6.3	240	271.7	284.1	250.4	1	
		10	9.9	217	270.2	296.1	248.6			10	6.8	240	270.4	283.5	252.4	1	
		12	11.1	217	267.1	294.5	240.7			12	7.2	240	268.4	284.8	252.4	1	
		14	12.0	217	265.7	299.1	241.9			14	7.6	240	267.3	283.8	249.8	1	
		16	12.2	217	265.1	297.0	241.6			16	6.9	239	268.6	283.8	250.6	1	
		18	12.2	217	267.1	304.9	242.5			18	6.3	240	270.0	283.4	251.2	1	
		20	11.4	217	272.2	303.4	246.3			20	6.2	240	270.8	283.3	253.3	1	
		22	10.2	217	274.8	299.9	252.0			22	6.3	240	271.1	283.5	250.6	1	
24143	06	00	9.7	210	283.0	311.2	259.3		12	00	5.4	248	271.5	283.4	255.5	1	
		02	9.2	210	283.7	309.6	260.5			02	5.3	248	271.5	284.6	259.5	1	
		04	8.9	210	284.0	310.4	262.0			04	5.1	248	271.8	283.7	259.9	1	
		06	8.7	210	284.0	310.2	262.7			06	5.1	248	271.8	284.5	259.6	1	
		08	10.0	210	281.2	309.6	255.9			08	5.1	248	271.8	284.9	258.5	1	
		10	11.0	210	276.9	307.4	253.6			10	5.4	248	271.1	283.9	254.7	1	
		12	11.4	210	273.8	306.9	250.7			12	5.8	248	269.8	282.3	253.8	1	
		14	11.8	210	272.1	300.0	244.9			14	6.0	248	269.1	283.0	253.7	1	
		16	12.6	210	271.9	305.5	247.6			16	5.5	248	270.2	283.2	255.3	1	
		18	13.4	210	274.8	312.0	248.5			18	5.3	248	271.0	286.8	257.4	1	
		20	11.5	210	279.9	309.3	255.1			20	5.0	248	271.4	287.4	257.3	1	
		22	10.8	210	281.7	310.5	258.4			22	5.3	248	271.4	288.5	258.4	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24155	01	00	5.6	248	298.1	314.4	283.5		07	00	9.6	247	298.4	335.5	279.6	1	
		02	5.4	247	298.1	311.3	283.7			02	8.5	248	300.3	330.8	277.2	1	
		04	5.4	248	298.3	314.5	283.0			04	7.8	247	301.2	329.2	281.7	1	
		06	5.2	248	298.5	311.4	282.9			06	8.3	248	300.5	327.2	284.3	1	
		08	5.3	248	298.3	309.9	281.4			08	8.4	248	297.2	325.6	276.9	1	
		10	5.6	248	297.7	310.2	283.5			10	9.0	248	293.6	320.7	269.7	1	
		12	6.3	248	297.0	312.5	279.7			12	9.3	248	288.6	321.3	268.6	1	
		14	6.2	248	297.1	313.4	281.2			14	10.0	248	284.6	334.0	263.8	1	
		16	5.9	248	298.0	313.5	280.3			16	10.1	248	282.1	322.7	261.0	1	
		18	5.8	248	298.6	312.8	279.9			18	11.3	248	283.3	327.4	260.8	1	
		20	5.9	248	298.7	315.8	281.7			20	11.1	248	288.6	328.2	265.4	1	
		22	5.9	248	298.7	315.1	277.8			22	9.9	248	294.4	331.0	276.2	1	
24155	02	00	5.4	226	299.2	312.8	286.5		08	00	10.6	248	299.3	326.2	277.5	1	
		02	5.4	226	298.8	314.5	285.2			02	10.1	248	300.9	332.8	280.8	1	
		04	5.4	226	298.7	311.8	284.4			04	9.7	248	301.6	334.9	282.4	1	
		06	5.3	226	298.7	312.9	281.3			06	9.5	248	301.4	335.3	281.5	1	
		08	5.6	226	298.4	314.0	284.6			08	9.4	248	299.6	329.3	277.8	1	
		10	6.1	226	297.3	309.2	278.0			10	9.4	248	296.5	324.7	272.6	1	
		12	6.5	226	296.0	310.8	276.3			12	10.6	248	292.5	327.4	264.8	1	
		14	6.7	226	295.9	311.0	279.2			14	10.9	248	288.1	324.8	259.6	1	
		16	6.5	226	297.0	313.3	280.6			16	12.3	248	285.8	333.1	259.3	1	
		18	5.6	226	298.7	312.9	285.0			18	13.0	248	287.2	338.3	262.6	1	
		20	5.0	226	299.1	310.2	287.2			20	12.2	248	292.1	329.3	265.3	1	
		22	5.1	226	299.1	312.7	285.5			22	11.1	248	296.6	328.8	273.0	1	
24155	03	00	5.6	248	297.5	312.7	284.2		09	00	9.0	240	298.6	325.3	275.7	1	
		02	5.3	248	297.8	312.8	282.7			02	8.2	240	299.2	323.7	278.3	1	
		04	5.1	248	297.8	314.1	285.0			04	7.7	240	299.9	322.7	279.4	1	
		06	5.0	247	297.9	314.5	283.2			06	7.7	240	300.1	319.6	280.4	1	
		08	5.6	248	296.9	315.9	282.7			08	8.0	240	297.9	327.7	280.2	1	
		10	6.8	248	294.5	318.5	279.0			10	9.4	240	294.4	327.8	272.0	1	
		12	6.8	248	292.1	315.7	277.8			12	10.7	240	291.6	330.6	265.8	1	
		14	7.3	248	291.0	315.9	275.4			14	10.7	240	288.4	330.8	266.8	1	
		16	7.8	248	291.1	315.6	273.8			16	11.0	240	286.7	330.5	263.0	1	
		18	6.6	249	295.1	318.3	278.1			18	11.2	240	290.3	331.6	265.9	1	
		20	6.1	248	297.0	319.0	282.1			20	10.2	240	294.3	330.6	273.6	1	
		22	5.9	248	297.3	319.0	283.7			22	9.7	240	296.9	328.9	277.4	1	
24155	04	00	6.1	240	296.6	316.3	277.1		10	00	8.2	248	302.6	326.7	282.4	1	
		02	5.6	240	297.2	313.3	279.8			02	7.9	248	302.9	324.1	282.8	1	
		04	5.5	240	297.7	310.6	278.3			04	7.6	248	302.8	322.0	281.1	1	
		06	5.5	240	297.8	315.0	279.7			06	7.0	248	302.9	321.9	282.4	1	
		08	6.0	240	295.1	319.0	279.0			08	8.1	248	301.9	322.9	279.2	1	
		10	6.2	240	291.3	310.1	275.8			10	9.0	248	299.3	321.3	277.3	1	
		12	7.5	240	288.6	313.1	273.5			12	9.8	248	296.7	320.2	268.9	1	
		14	8.0	240	286.4	318.4	270.5			14	10.3	248	295.7	320.2	271.4	1	
		16	9.0	240	286.3	318.2	265.2			16	10.8	247	297.1	328.1	271.1	1	
		18	8.3	240	290.1	316.8	271.8			18	9.8	248	299.9	327.0	277.4	1	
		20	7.6	240	293.6	320.1	270.3			20	8.8	248	301.7	324.6	277.3	1	
		22	6.7	240	295.5	315.0	276.2			22	8.2	248	302.1	323.6	279.4	1	
24155	05	00	8.0	248	301.2	329.1	281.3		11	00	6.4	240	302.7	316.5	277.8	1	
		02	7.7	248	301.9	328.6	278.8			02	6.3	240	302.7	320.5	282.0	1	
		04	7.3	248	302.2	330.2	285.1			04	6.4	240	302.4	319.4	278.8	1	
		06	7.5	248	301.9	329.0	287.4			06	6.1	240	302.5	320.4	284.3	1	
		08	7.9	248	299.1	327.1	283.3			08	6.3	240	302.5	319.8	285.9	1	
		10	9.1	248	295.3	327.4	273.0			10	6.8	240	301.7	319.9	283.0	1	
		12	9.6	248	292.1	321.4	272.4			12	7.8	240	300.5	323.0	281.0	1	
		14	10.4	248	289.6	326.6	271.6			14	7.9	240	300.5	321.0	281.2	1	
		16	11.6	248	289.5	328.9	268.7			16	7.7	239	301.4	324.8	283.1	1	
		18	11.3	248	293.4	335.3	271.3			18	7.0	240	302.2	324.2	281.2	1	
		20	10.4	248	297.3	328.1	273.7			20	6.9	240	302.6	320.4	282.8	1	
		22	9.1	248	300.0	327.2	280.6			22	6.8	240	302.4	319.8	280.0	1	
24155	06	00	9.5	240	303.1	329.0	282.4		12	00	5.9	248	299.4	314.6	282.0	1	
		02	8.7	240	304.4	324.9	279.7			02	5.9	248	299.5	314.6	280.9	1	
		04	8.7	240	305.0	326.2	282.3			04	5.9	248	299.4	315.9	280.8	1	
		06	8.6	240	304.0	325.1	282.8			06	5.7	248	299.5	315.9	283.1	1	
		08	9.9	240	300.1	324.1	274.2			08	5.5	248	299.6	315.3	284.6	1	
		10	10.6	240	296.0	326.3	268.1			10	6.2	248	298.9	316.3	274.9	1	
		12	11.7	240	293.3	326.1	261.6			12	6.9	248	298.0	315.0	270.5	1	
		14	12.1	240	290.4	326.7	264.0			14	6.8	247	298.1	320.2	280.3	1	
		16	13.6	240	289.7	328.0	259.2			16	6.2	248	299.4	318.4	282.4	1	
		18	13.7	240	291.9	335.9	262.7			18	6.1	248	299.6	315.3	280.2	1	
		20	12.1	240	297.5	332.5	268.3			20	6.1	248	299.4	313.9	281.9	1	
		22	10.1	240	301.2	327.9	280.7			22	5.9	248	299.5	314.4	281.5	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24156	01	00	4.6	247	268.5	283.1	253.0		07	00	13.2	248	269.0	318.4	243.5	1	
		02	4.7	247	268.5	283.5	255.4			02	12.9	248	271.9	316.1	240.3	1	
		04	4.5	247	268.8	283.3	257.1			04	11.8	248	274.1	315.3	247.6	1	
		06	4.5	247	268.8	283.0	254.3			06	12.1	248	275.2	313.7	249.0	1	
		08	4.5	247	268.7	282.8	253.4			08	12.8	248	272.4	314.1	247.4	1	
		10	4.7	247	267.9	279.9	250.2			10	12.9	248	269.2	313.6	244.2	1	
		12	4.7	247	267.2	280.0	253.3			12	12.9	248	263.4	315.8	238.1	1	
		14	4.9	247	266.5	280.8	252.3			14	13.6	248	258.0	308.2	232.6	1	
		16	4.5	247	266.8	281.5	252.6			16	13.8	248	255.6	303.5	236.5	1	
		18	4.3	247	267.8	281.2	253.0			18	13.7	248	256.4	301.1	235.4	1	
		20	4.5	248	268.2	280.8	253.6			20	12.6	248	264.9	302.4	239.6	1	
		22	4.5	248	268.5	279.7	255.9			22	13.4	248	266.9	316.7	237.9	1	
24156	02	00	4.3	226	268.1	280.4	252.9		08	00	13.1	248	267.0	310.4	234.5	1	
		02	4.3	226	268.2	281.9	252.7			02	12.3	248	269.7	311.1	242.5	1	
		04	4.1	226	268.4	281.5	256.4			04	11.4	248	272.0	310.3	244.8	1	
		06	4.1	226	268.6	282.0	256.1			06	11.1	248	272.6	311.3	247.1	1	
		08	4.2	226	268.5	281.3	256.5			08	11.7	248	270.6	309.3	243.8	1	
		10	4.5	226	267.4	279.7	252.7			10	11.9	248	266.1	306.7	241.3	1	
		12	4.5	226	266.0	276.4	253.1			12	12.1	248	260.5	302.5	236.2	1	
		14	4.7	226	264.7	276.3	248.2			14	12.5	248	254.9	303.2	232.5	1	
		16	4.7	226	264.8	274.8	249.5			16	12.9	248	253.0	302.3	232.2	1	
		18	4.1	226	266.9	277.3	254.8			18	14.4	248	255.2	308.7	232.0	1	
		20	4.2	226	267.4	278.9	254.0			20	13.0	248	262.8	314.6	234.6	1	
		22	4.3	226	267.8	278.6	253.6			22	14.0	248	264.6	315.9	236.2	1	
24156	03	00	4.5	248	266.7	279.5	248.0		09	00	9.4	240	263.5	304.2	240.5	1	
		02	4.3	247	267.1	280.7	250.1			02	9.1	240	265.9	302.4	241.9	1	
		04	4.0	248	267.4	280.7	256.0			04	8.5	240	267.3	300.7	242.6	1	
		06	3.8	248	267.6	281.4	255.0			06	7.9	240	268.9	300.3	247.4	1	
		08	4.6	247	266.9	279.1	244.2			08	8.9	240	267.2	300.2	241.9	1	
		10	5.2	248	264.2	281.9	246.7			10	8.6	240	263.6	294.3	243.1	1	
		12	5.6	248	262.5	279.9	244.8			12	8.9	240	258.3	286.3	239.3	1	
		14	6.3	248	261.5	280.1	242.9			14	10.0	240	253.5	285.9	233.6	1	
		16	6.3	248	261.9	277.8	245.9			16	10.7	240	251.8	289.5	233.2	1	
		18	5.6	248	264.1	279.8	249.0			18	10.4	240	255.5	290.7	235.3	1	
		20	4.9	248	265.8	280.8	251.7			20	10.1	240	259.8	303.1	239.2	1	
		22	4.7	248	266.4	278.7	249.0			22	10.2	240	261.5	305.5	241.2	1	
24156	04	00	6.7	240	265.0	285.0	248.5		10	00	7.5	248	266.7	286.0	242.5	1	
		02	6.2	240	265.7	283.7	246.6			02	7.0	248	267.9	283.4	242.3	1	
		04	5.6	240	267.0	281.1	251.4			04	6.7	248	269.0	288.5	246.0	1	
		06	5.0	240	267.6	280.6	252.7			06	6.3	248	269.4	288.4	246.3	1	
		08	6.0	239	265.6	278.3	250.2			08	7.2	248	268.9	287.1	243.2	1	
		10	7.1	240	261.8	279.4	245.7			10	8.2	248	265.4	288.0	241.9	1	
		12	8.1	240	258.2	279.5	242.3			12	9.1	248	262.0	288.4	238.4	1	
		14	8.7	240	255.6	280.4	238.0			14	9.9	248	258.9	289.5	233.4	1	
		16	9.7	240	255.4	281.0	236.0			16	10.5	248	258.2	289.1	234.6	1	
		18	8.8	240	257.8	280.8	240.6			18	9.4	248	263.3	288.1	238.5	1	
		20	7.7	240	262.0	283.1	245.3			20	8.8	248	264.4	293.8	242.7	1	
		22	7.2	240	263.7	283.8	247.1			22	8.4	248	265.7	289.7	236.9	1	
24156	05	00	8.8	248	268.8	298.2	246.0		11	00	5.4	240	269.6	285.4	246.8	1	
		02	7.9	248	270.1	292.1	246.4			02	5.0	240	270.1	285.2	255.8	1	
		04	7.4	247	271.4	292.7	248.8			04	4.7	240	270.3	284.2	256.2	1	
		06	6.9	247	272.2	291.8	255.7			06	4.5	240	270.2	284.2	255.6	1	
		08	7.7	247	269.5	291.5	251.2			08	4.8	240	270.1	285.7	253.7	1	
		10	9.1	247	265.2	297.7	244.1			10	5.8	240	268.7	287.1	251.9	1	
		12	10.3	247	261.7	292.9	241.5			12	6.4	240	266.2	284.0	247.6	1	
		14	10.8	247	258.8	291.3	239.9			14	7.1	240	264.0	283.8	240.6	1	
		16	11.7	247	258.1	294.1	236.9			16	7.1	240	265.0	285.1	244.2	1	
		18	11.6	248	260.3	291.0	239.1			18	6.3	240	267.5	285.7	251.1	1	
		20	9.9	248	266.3	291.7	243.1			20	6.1	240	268.1	286.5	248.7	1	
		22	9.0	248	267.5	295.4	246.6			22	5.8	240	268.9	287.2	249.1	1	
24156	06	00	10.0	240	268.2	292.4	238.1		12	00	4.1	245	269.5	278.5	253.4	1	
		02	9.6	240	269.7	290.9	242.1			02	4.1	248	269.5	279.0	254.1	1	
		04	8.4	240	271.6	291.0	247.1			04	3.9	248	269.5	278.9	251.6	1	
		06	8.4	240	272.8	297.1	250.4			06	4.0	248	269.6	279.2	250.4	1	
		08	8.9	240	269.7	295.3	242.7			08	4.2	248	269.5	278.7	252.8	1	
		10	9.8	240	265.7	293.9	238.0			10	4.2	248	269.2	280.7	253.7	1	
		12	10.3	240	261.2	290.6	236.3			12	4.5	248	268.4	281.3	250.9	1	
		14	11.4	240	257.6	287.1	231.2			14	4.5	248	267.7	278.9	252.7	1	
		16	12.2	240	256.0	303.6	233.5			16	4.4	248	268.4	278.4	253.9	1	
		18	12.1	240	257.6	294.5	232.1			18	4.3	248	269.0	278.9	253.4	1	
		20	11.2	240	264.9	309.3	236.2			20	4.5	248	269.0	279.3	253.1	1	
		22	10.7	240	266.3	294.6	242.3			22	4.3	248	269.2	278.3	253.8	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24157	01	00	4.2	217	290.1	302.7	279.8		07	00	10.7	247	293.6	329.9	269.3	1	
		02	4.1	192	290.3	300.3	279.6			02	9.4	248	296.0	328.2	274.9	1	
		04	4.3	212	290.3	300.6	279.1			04	8.4	248	298.2	328.1	278.6	1	
		06	4.2	215	290.3	301.0	280.8			06	8.2	245	297.9	321.5	281.0	1	
		08	4.3	217	290.2	301.0	279.6			08	8.3	245	294.8	317.8	276.3	1	
		10	4.1	217	289.5	300.6	278.5			10	9.4	248	289.4	316.7	267.5	1	
		12	4.3	217	288.6	302.0	278.4			12	9.7	248	284.1	319.4	258.3	1	
		14	4.3	210	288.2	299.9	278.7			14	9.8	246	280.6	317.3	257.7	1	
		16	4.2	194	289.4	300.9	277.1			16	11.2	244	279.2	324.8	257.5	1	
		18	4.2	217	289.7	300.3	278.5			18	11.8	248	280.5	319.6	255.8	1	
		20	4.4	203	289.8	301.9	279.1			20	11.1	248	288.0	322.5	265.1	1	
		22	4.3	214	290.2	300.3	278.8			22	11.2	247	290.4	320.6	262.7	1	
24157	02	00	3.8	193	289.6	300.5	278.2		08	00	11.1	248	291.3	320.1	268.1	1	
		02	3.7	196	289.6	301.3	280.6			02	10.4	248	293.5	321.3	269.7	1	
		04	3.8	190	289.7	303.4	280.0			04	9.3	246	295.8	324.3	272.6	1	
		06	3.8	194	289.9	303.3	279.8			06	8.6	248	297.2	326.0	276.8	1	
		08	4.0	192	289.6	303.7	279.9			08	8.9	248	294.3	324.7	274.6	1	
		10	4.5	197	288.5	302.7	276.7			10	9.4	248	290.2	322.8	269.0	1	
		12	4.9	192	287.4	300.3	274.3			12	10.5	248	284.0	328.4	261.8	1	
		14	5.0	197	286.9	299.2	272.8			14	11.3	248	280.2	323.0	261.1	1	
		16	5.0	187	287.4	298.7	272.0			16	11.3	248	278.7	318.8	259.5	1	
		18	4.1	195	289.1	298.7	277.3			18	11.5	248	281.2	316.9	260.4	1	
		20	4.0	186	289.2	299.4	279.5			20	10.7	248	286.3	319.1	264.1	1	
		22	3.8	197	289.5	299.3	281.7			22	11.1	248	288.9	319.4	265.9	1	
24157	03	00	4.4	217	287.8	302.3	276.8		09	00	8.4	235	290.4	315.6	270.2	1	
		02	4.2	217	287.9	299.3	276.6			02	8.0	230	292.4	316.2	271.0	1	
		04	4.0	216	288.0	298.9	276.6			04	7.3	228	294.3	312.6	275.8	1	
		06	4.1	216	288.5	299.5	276.0			06	6.8	230	295.0	309.5	277.2	1	
		08	4.7	215	287.2	299.3	272.0			08	8.1	233	292.1	313.4	272.9	1	
		10	5.3	217	285.6	301.1	269.2			10	8.7	230	288.3	315.9	264.6	1	
		12	5.9	216	284.0	301.4	268.1			12	9.4	232	283.4	315.5	257.5	1	
		14	6.6	216	282.9	300.4	266.6			14	10.1	237	279.7	315.5	255.4	1	
		16	6.8	216	282.9	301.7	267.4			16	10.5	231	279.8	315.5	256.9	1	
		18	5.5	217	286.4	301.8	271.7			18	9.9	235	284.8	316.1	262.1	1	
		20	5.1	214	287.1	303.9	274.3			20	9.4	238	287.3	313.1	266.3	1	
		22	4.9	217	288.0	301.9	274.1			22	9.1	237	289.1	314.6	267.0	1	
24157	04	00	5.3	203	287.0	302.8	275.0		10	00	6.8	221	294.7	312.4	274.8	1	
		02	5.2	196	287.7	304.2	276.1			02	6.2	209	295.1	314.0	279.0	1	
		04	5.1	203	288.4	304.4	275.7			04	5.8	207	295.3	313.8	282.3	1	
		06	5.4	207	288.4	306.0	274.4			06	5.6	232	295.7	313.5	284.4	1	
		08	6.3	208	285.8	307.0	273.0			08	6.7	229	294.6	314.2	279.5	1	
		10	7.4	207	282.8	303.3	266.0			10	7.6	228	292.5	314.4	275.2	1	
		12	8.3	205	279.8	304.1	263.1			12	8.5	216	290.3	311.4	269.5	1	
		14	8.5	203	277.8	308.6	258.3			14	9.5	220	288.1	311.4	264.9	1	
		16	8.2	198	276.7	311.5	256.5			16	9.1	226	289.6	313.6	269.7	1	
		18	7.7	190	281.5	310.6	263.2			18	8.0	226	292.6	311.7	273.7	1	
		20	6.5	205	284.3	304.3	267.9			20	7.4	224	293.2	310.5	275.1	1	
		22	6.0	207	285.7	304.4	273.0			22	6.9	226	293.9	312.3	273.3	1	
24157	05	00	7.1	217	290.8	312.6	272.1		11	00	4.9	181	292.7	307.7	277.5	1	
		02	6.6	217	292.0	307.0	274.4			02	4.5	189	293.1	304.4	280.3	1	
		04	6.2	217	292.9	309.7	272.7			04	4.4	167	292.8	303.8	279.5	1	
		06	6.3	217	292.3	309.9	276.0			06	4.2	166	292.9	305.2	278.4	1	
		08	7.4	217	289.6	309.7	270.6			08	4.4	169	293.0	305.0	280.9	1	
		10	8.5	217	286.0	310.2	270.5			10	5.2	174	292.3	304.5	277.2	1	
		12	9.7	217	282.1	317.5	262.9			12	6.0	192	291.3	307.0	276.6	1	
		14	10.6	217	280.1	314.5	254.8			14	6.2	191	290.7	306.5	272.8	1	
		16	10.9	217	279.8	309.2	257.7			16	6.1	179	291.9	306.7	275.5	1	
		18	10.4	217	283.1	311.1	259.6			18	5.4	214	292.4	309.1	279.8	1	
		20	8.5	217	288.8	313.8	270.4			20	5.3	192	292.8	313.1	280.3	1	
		22	7.9	217	289.9	312.3	275.3			22	5.3	185	292.9	308.1	278.9	1	
24157	06	00	10.2	210	294.6	318.3	271.0		12	00	3.5	195	289.9	299.8	279.1	1	
		02	9.2	210	295.6	318.2	273.8			02	3.2	164	290.1	297.7	281.6	1	
		04	8.7	210	296.6	319.9	277.7			04	3.1	180	289.9	297.2	278.2	1	
		06	8.7	209	295.9	317.8	276.2			06	3.5	170	289.8	297.8	279.5	1	
		08	9.3	210	292.8	315.4	271.1			08	3.5	195	290.0	298.6	278.5	1	
		10	10.4	210	289.2	315.4	267.6			10	3.7	182	289.6	298.9	278.4	1	
		12	10.7	210	285.8	314.6	265.0			12	4.1	173	289.2	306.5	278.1	1	
		14	11.5	210	283.7	316.9	261.5			14	4.4	211	289.1	308.2	275.6	1	
		16	12.3	210	282.9	314.4	256.2			16	4.2	196	289.9	302.3	279.0	1	
		18	12.6	210	285.2	319.1	258.8			18	4.3	200	290.4	307.0	280.0	1	
		20	11.6	210	291.5	317.5	262.9			20	4.0	195	290.2	303.0	280.8	1	
		22	11.1	210	293.0	319.1	267.5			22	4.0	180	290.6	307.4	279.7	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24225	01	00	5.3	248	304.9	317.1	287.6		07	00	7.3	217	312.1	328.0	288.5	1	
		02	5.5	248	304.8	324.4	283.6			02	6.4	247	313.6	330.0	293.7	1	
		04	5.3	248	304.5	322.2	282.9			04	6.0	248	314.5	328.3	295.7	1	
		06	4.7	248	304.7	318.0	291.0			06	6.5	248	314.3	332.2	293.9	1	
		08	4.7	248	304.9	318.0	290.0			08	7.4	248	310.6	336.4	283.9	1	
		10	5.3	248	304.9	317.7	286.6			10	8.0	217	307.0	346.1	280.5	1	
		12	6.6	248	303.3	319.8	281.6			12	8.9	247	300.6	336.5	266.5	1	
		14	7.2	248	302.2	320.3	283.2			14	10.0	248	295.7	343.2	270.4	1	
		16	7.5	248	301.9	317.3	282.8			16	10.4	248	294.0	337.8	267.5	1	
		18	6.4	248	303.9	317.7	283.4			18	9.8	248	297.6	338.7	275.5	1	
		20	6.0	248	304.4	318.2	285.1			20	10.7	217	303.8	343.0	278.8	1	
		22	5.8	248	304.7	318.3	286.9			22	9.4	248	307.6	346.1	279.4	1	
24225	02	00	4.7	227	306.0	318.4	292.5		08	00	8.7	248	312.3	347.0	287.3	1	
		02	4.6	227	305.8	319.1	289.5			02	8.2	248	313.5	342.6	288.8	1	
		04	4.5	226	305.5	318.5	290.3			04	7.0	248	314.5	340.2	292.1	1	
		06	4.7	226	305.6	318.7	288.9			06	6.9	248	314.8	343.6	297.3	1	
		08	4.6	226	306.0	320.2	290.7			08	7.9	248	311.3	339.8	293.7	1	
		10	5.4	226	305.2	321.5	290.3			10	7.9	246	307.9	330.2	287.1	1	
		12	6.8	226	302.7	319.8	286.2			12	8.8	248	301.4	325.5	279.0	1	
		14	7.7	226	300.6	320.8	281.1			14	10.5	248	295.8	324.4	271.4	1	
		16	7.9	226	299.4	317.6	280.4			16	11.4	248	293.8	327.1	268.9	1	
		18	6.5	225	304.0	319.4	286.2			18	11.4	248	298.8	333.6	266.5	1	
		20	5.5	226	305.3	322.3	290.0			20	10.7	248	305.0	344.8	281.2	1	
		22	5.3	226	305.7	321.6	289.0			22	9.4	248	308.8	344.6	277.4	1	
24225	03	00	5.2	247	303.8	319.7	283.6		09	00	8.7	240	312.4	337.3	282.4	1	
		02	4.9	248	304.1	319.6	285.4			02	7.6	240	313.0	335.1	283.1	1	
		04	4.8	248	304.0	319.5	284.6			04	6.9	240	313.2	337.3	285.9	1	
		06	4.7	248	304.3	319.1	282.7			06	6.5	240	313.4	336.7	298.8	1	
		08	4.9	248	303.8	319.5	280.7			08	7.8	240	311.5	337.2	288.0	1	
		10	6.1	248	301.0	319.8	280.3			10	9.3	240	307.5	338.1	284.0	1	
		12	7.3	248	297.0	324.0	277.7			12	10.6	240	301.3	336.4	276.9	1	
		14	8.2	248	294.7	324.9	275.1			14	12.7	239	296.5	332.6	272.2	1	
		16	9.2	248	293.9	325.6	270.9			16	13.8	240	294.0	333.7	266.3	1	
		18	7.7	248	298.2	322.7	279.2			18	13.1	240	302.9	339.0	272.0	1	
		20	6.5	248	301.3	323.4	285.2			20	11.1	240	307.0	338.0	273.9	1	
		22	5.7	248	302.7	322.7	284.5			22	9.5	240	310.6	341.4	278.6	1	
24225	04	00	5.3	240	305.2	320.0	289.2		10	00	7.3	247	312.3	332.1	285.8	1	
		02	4.7	240	306.2	321.4	284.9			02	6.5	248	312.0	330.2	295.5	1	
		04	4.5	240	306.4	326.9	291.5			04	6.1	248	311.5	329.3	296.6	1	
		06	4.3	240	306.6	324.8	294.8			06	5.9	248	311.4	327.9	298.4	1	
		08	5.3	240	304.6	322.6	290.6			08	6.5	248	311.7	327.0	295.0	1	
		10	6.7	240	301.1	319.8	278.8			10	8.1	248	309.3	329.2	275.3	1	
		12	8.0	240	296.5	322.7	273.1			12	9.9	247	304.8	329.5	276.1	1	
		14	9.4	240	292.9	321.3	269.3			14	11.0	248	301.7	327.4	277.4	1	
		16	9.9	240	291.4	317.2	266.1			16	11.9	248	301.6	328.8	271.7	1	
		18	8.7	240	296.7	320.1	276.6			18	9.7	248	310.3	329.9	282.1	1	
		20	7.2	240	301.3	319.3	277.3			20	8.6	248	311.4	331.5	279.3	1	
		22	5.9	240	303.7	320.2	283.5			22	7.7	248	312.0	331.3	281.2	1	
24225	05	00	6.6	186	308.9	328.8	294.2		11	00	6.8	240	308.5	335.7	278.7	1	
		02	5.5	217	309.6	327.9	298.7			02	6.5	239	308.4	330.0	281.7	1	
		04	5.0	216	309.7	326.4	299.6			04	6.3	240	308.2	330.5	287.3	1	
		06	5.3	216	310.0	332.0	297.2			06	5.9	239	308.3	326.3	288.5	1	
		08	6.1	217	306.4	329.0	293.3			08	5.9	240	308.8	328.2	284.4	1	
		10	8.0	186	302.6	327.0	281.8			10	6.9	240	308.3	331.8	278.3	1	
		12	9.4	200	297.4	326.4	270.2			12	8.0	240	305.9	332.9	278.6	1	
		14	10.2	183	295.5	324.8	266.6			14	8.9	240	303.9	331.6	275.1	1	
		16	10.6	217	294.0	332.4	266.6			16	9.2	240	304.2	329.5	275.2	1	
		18	10.1	217	298.2	335.5	275.3			18	8.1	239	308.0	337.5	280.6	1	
		20	9.0	186	303.7	331.7	276.8			20	7.6	240	308.3	338.0	279.4	1	
		22	7.8	217	306.2	328.4	284.3			22	7.4	240	308.3	337.6	279.4	1	
24225	06	00	8.4	179	311.1	328.0	289.5		12	00	5.4	248	306.9	321.3	288.2	1	
		02	7.6	209	312.3	332.1	291.6			02	5.5	248	306.8	321.0	278.1	1	
		04	7.1	210	312.3	329.6	289.2			04	5.2	247	306.6	321.0	280.3	1	
		06	7.1	210	312.2	328.5	289.8			06	5.1	248	306.5	320.3	284.0	1	
		08	8.0	210	308.1	330.0	279.2			08	4.9	246	306.7	320.9	286.9	1	
		10	9.9	180	304.1	330.2	266.6			10	5.5	247	306.8	322.7	290.6	1	
		12	10.7	210	298.3	324.8	268.3			12	6.5	248	305.3	325.0	285.9	1	
		14	12.3	210	294.8	324.5	262.9			14	7.1	248	304.2	322.6	281.2	1	
		16	13.4	210	294.3	330.8	262.7			16	6.8	248	304.9	323.8	283.1	1	
		18	12.6	210	298.4	339.1	265.9			18	6.4	248	306.2	321.8	284.8	1	
		20	11.5	180	303.7	332.1	275.7			20	5.9	247	306.6	322.2	286.9	1	
		22	9.7	210	308.4	328.6	283.0			22	5.7	248	306.8	322.9	287.1	1	



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE	
24229	01	00	6.2	279	318.2	333.8	300.5		07	00	6.3	248	334.6	353.1	315.9		1	
		02	6.0	277	318.3	337.0	298.5			02	5.8	248	334.9	352.2	318.5		1	
		04	5.8	279	318.3	334.2	302.0			04	5.2	248	335.2	349.8	321.6		1	
		06	5.9	279	318.3	336.5	301.6			06	5.5	248	335.5	349.2	312.9		1	
		08	5.9	278	318.3	335.9	300.0			08	6.5	248	333.5	350.5	299.6		1	
		10	6.5	279	317.9	338.1	301.6			10	7.8	248	330.6	348.8	295.9		1	
		12	7.0	279	317.1	337.7	299.4			12	8.9	248	328.0	349.3	292.3		1	
		14	7.2	279	316.4	339.3	298.8			14	9.4	246	326.1	350.2	287.9		1	
		16	6.8	278	317.3	341.4	297.2			16	10.3	248	325.6	353.7	284.0		1	
		18	7.7	148	318.5	337.4	298.8			18	9.8	248	328.6	362.0	281.3		1	
		20	6.7	279	318.0	335.9	300.5			20	8.0	248	333.0	359.7	288.1		1	
		22	6.6	279	318.0	337.5	298.7			22	6.5	248	334.4	354.6	300.5		1	
24229	02	00	5.5	253	319.8	334.3	300.8		08	00	7.2	234	337.6	356.8	316.8		1	
		02	5.5	253	319.9	334.6	300.6			02	6.4	235	337.7	361.9	320.4		1	
		04	5.4	253	319.9	336.2	301.0			04	6.0	229	337.5	356.7	323.9		1	
		06	5.2	253	319.7	335.6	302.1			06	6.2	231	338.1	357.3	324.9		1	
		08	5.4	253	319.6	333.4	300.8			08	6.4	231	336.4	357.9	322.7		1	
		10	5.8	253	319.0	336.9	298.0			10	7.3	235	332.7	357.1	315.6		1	
		12	6.4	253	317.4	334.8	298.1			12	8.4	230	329.4	353.7	310.9		1	
		14	7.2	255	316.2	335.3	296.3											
		16	7.1	253	316.6	334.0	298.0			16	10.7	237	326.2	351.1	294.2		1	
		18	6.5	253	318.0	333.5	299.0			18	9.7	231	330.4	353.6	304.5		1	
		20	6.0	255	319.3	335.1	299.5			20	8.1	229	335.6	356.2	306.4		1	
		22	5.6	253	319.4	335.0	297.2			22	7.6	234	336.6	357.4	313.9		1	
24229	03	00	6.3	278	318.8	334.0	295.5		09	00	7.5	213	335.8	358.3	315.3		1	
		02	5.9	279	319.2	332.2	295.6			02	6.8	201	335.6	355.1	319.9		1	
		04	5.6	279	319.3	333.6	296.0			04	6.6	207	335.0	352.4	316.2		1	
		06	5.4	279	319.2	334.0	297.6			06	6.5	208	335.1	352.7	320.0		1	
		08	5.9	278	319.0	332.3	296.1			08	7.1	207	335.2	350.2	304.5		1	
		10	6.9	279	317.2	334.1	291.1			10	10.3	215	330.4	350.8	292.3		1	
		12	7.7	279	315.2	337.8	290.3			12	12.5	206	325.1	350.5	286.0		1	
		14	8.7	279	313.8	335.1	289.7			14	14.1	201	322.0	351.7	287.6		1	
		16	8.9	279	314.1	335.9	291.4			16	14.7	207	322.4	352.2	285.7		1	
		18	8.0	279	316.0	335.3	293.0			18	13.1	204	327.4	353.9	288.7		1	
		20	7.0	279	318.0	334.2	296.0			20	10.2	196	332.8	354.7	299.5		1	
		22	6.8	279	318.5	334.5	296.3			22	8.7	197	334.3	361.6	300.9		1	
24229	04	00	6.6	240	321.2	337.9	293.3		10	00	6.8	210	330.0	348.6	298.3		1	
		02	5.6	240	321.4	337.3	292.7			02	6.9	218	329.8	348.3	299.3		1	
		04	5.7	240	321.4	335.5	291.7			04	6.7	223	329.5	348.2	302.7		1	
		06	5.3	240	321.8	335.5	293.5			06	6.4	208	329.5	346.7	302.5		1	
		08	7.0	240	319.8	336.2	293.2			08	6.8	213	330.2	344.9	301.8		1	
		10	8.4	240	316.6	338.7	286.2			10	8.6	209	328.2	347.9	299.8		1	
		12	9.4	240	313.8	335.2	287.5			12	10.2	217	325.2	353.8	292.8		1	
		14	10.3	240	312.2	338.0	285.8			14	11.3	204	323.8	353.1	286.7		1	
		16	10.7	240	312.0	341.4	286.5			16	11.0	218	325.3	353.7	287.5		1	
		18	9.3	240	315.0	343.5	288.6			18	9.9	203	328.8	350.9	284.8		1	
		20	8.7	240	318.3	343.8	289.4			20	8.8	224	329.9	352.0	298.7		1	
		22	7.4	240	319.9	340.6	290.6			22	7.9	211	329.9	348.8	297.0		1	
24229	05	00	6.3	247	326.4	342.2	295.0		11	00	8.5	205	323.8	346.2	297.0		1	
		02	6.1	247	326.5	341.9	292.9			02	8.3	210	323.8	349.5	297.9		1	
		04	5.6	248	326.7	344.7	295.9			04	8.1	209	323.8	348.8	298.4		1	
		06	5.5	248	327.0	341.6	297.7			06	7.5	204	323.6	341.9	298.6		1	
		08	7.1	248	324.7	341.0	292.7			08	7.8	209	323.7	341.3	299.1		1	
		10	7.7	248	322.2	342.3	289.7			10	8.7	211	323.6	349.6	295.0		1	
		12	9.8	248	320.0	344.4	286.9			12	9.7	206	321.8	344.7	294.9		1	
		14	10.0	248	318.4	346.1	288.1			14	9.8	215	321.5	345.1	293.9		1	
		16	9.9	248	318.2	344.9	285.2			16	9.8	215	322.4	346.1	294.5		1	
		18	9.8	248	320.3	341.6	287.8			18	9.3	213	323.5	347.4	294.2		1	
		20	8.1	241	324.1	344.5	291.9			20	9.0	219	324.2	348.0	294.6		1	
		22	6.8	247	325.6	342.3	295.8			22	8.5	210	323.7	346.9	296.8		1	
24229	06	00	7.7	240	330.8	351.0	299.6		12	00	6.4	246	320.4	341.5	305.2		1	
		02	7.0	240	331.3	352.0	297.7			02	6.5	245	320.1	342.7	305.1		1	
		04	6.3	240	331.6	349.7	301.1			04	6.5	247	320.3	341.1	304.0		1	
		06	6.2	240	331.6	347.9	303.3			06	6.5	248	320.1	341.2	303.7		1	
		08	7.5	240	329.7	353.4	299.6			08	6.6	248	320.0	344.5	301.5		1	
		10	8.9	240	327.2	347.6	291.9			10	6.9	248	319.8	341.9	303.4		1	
		12	10.6	240	324.9	347.2	290.8			12	7.3	248	318.7	341.5	299.1		1	
		14	11.8	240	323.5	352.4	282.5			14	7.4	247	318.4	339.6	299.3		1	
		16	12.4	240	323.2	349.5	282.7			16	7.4	248	319.0	339.3	300.3		1	
		18	11.4	240	325.7	351.3	287.7			18	7.0	247	319.5	340.0	302.4		1	
		20	9.6	240	329.0	353.2	294.0			20	6.7	248	319.7	341.9	303.9		1	
		22	8.9	240	330.2	352.1	298.1			22	6.6	247	320.0	342.0	302.7		1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
24240	01	00	6.9	279	318.4	336.0	299.8		07	00	4.0	246	337.1	348.6	322.4	1	
		02	6.9	278	318.3	335.4	299.8			02	4.0	248	336.7	348.2	321.2	1	
		04	6.9	278	318.1	336.6	303.2			04	3.9	248	336.6	346.2	322.2	1	
		06	6.9	279	318.1	335.6	301.8			06	4.3	248	336.6	346.2	315.4	1	
		08	6.8	279	318.3	335.1	302.3			08	4.2	248	336.8	347.0	321.8	1	
		10	6.9	279	318.3	334.9	301.9			10	4.5	248	337.0	358.4	324.6	1	
		12	7.0	279	318.1	335.5	298.7			12	4.4	248	337.4	347.9	319.3	1	
		14	7.3	279	317.8	335.4	296.0			14	4.5	248	337.5	349.7	325.1	1	
		16	6.9	278	318.0	334.7	298.3			16	4.6	246	337.5	347.8	321.7	1	
		18	6.8	279	318.2	334.7	300.0			18	4.2	248	337.6	346.7	320.2	1	
		20	6.7	279	318.3	335.1	301.9			20	4.4	248	337.5	346.9	314.4	1	
		22	6.7	279	318.4	334.6	299.7			22	4.1	247	337.5	348.8	317.3	1	
24240	02	00	6.4	253	319.8	331.9	302.0		08	00	4.0	247	338.8	349.6	324.9	1	
		02	6.2	243	319.9	331.5	302.3			02	4.0	247	338.7	348.9	324.7	1	
		04	6.4	255	319.4	332.8	302.7			04	4.2	247	338.2	349.3	322.8	1	
		06	6.3	255	319.4	333.0	302.8			06	4.0	248	338.2	349.4	326.4	1	
		08	6.2	255	319.6	331.6	301.7			08	4.4	248	338.5	350.8	321.7	1	
		10	6.7	255	319.2	333.6	301.6			10	4.9	248	338.6	351.9	316.9	1	
		12	7.0	255	318.9	333.6	300.8			12	4.4	247	338.9	350.5	323.8	1	
		14	7.2	255	318.8	334.6	301.1			14	4.8	248	339.1	352.3	310.3	1	
		16	7.4	255	318.6	333.7	298.9			16	4.2	248	339.2	350.3	317.8	1	
		18	6.5	255	319.3	333.5	302.6			18	4.5	248	339.0	351.8	313.8	1	
		20	6.7	255	319.2	332.2	301.6			20	4.4	248	338.8	348.5	315.7	1	
		22	6.5	255	319.4	332.0	300.4			22	4.3	248	338.7	348.9	319.0	1	
24240	03	00	5.7	278	318.8	331.8	300.7		09	00	6.7	240	335.4	350.4	311.7	1	
		02	5.9	279	318.8	332.8	299.1			02	6.5	240	335.2	351.3	309.0	1	
		04	6.0	279	318.7	332.9	297.8			04	6.6	240	335.0	351.9	311.0	1	
		06	6.0	279	318.7	332.9	296.7			06	6.5	240	334.9	351.9	312.9	1	
		08	6.0	279	318.9	332.7	295.2			08	7.1	240	335.2	367.5	307.9	1	
		10	6.4	278	318.1	334.3	295.1			10	6.6	240	335.4	354.0	308.5	1	
		12	6.6	278	317.8	333.5	293.7			12	7.1	240	335.4	354.2	304.6	1	
		14	7.2	278	317.4	334.7	291.6			14	7.5	239	335.0	354.8	309.1	1	
		16	7.0	279	317.3	332.8	291.9			16	7.1	240	335.2	354.5	311.6	1	
		18	6.4	278	318.1	333.2	291.1			18	7.1	240	335.5	352.9	300.1	1	
		20	6.3	279	318.1	333.2	295.1			20	7.3	240	335.3	354.0	306.4	1	
		22	5.8	279	318.6	333.0	298.7			22	7.3	240	334.7	351.4	313.7	1	
24240	04	00	5.9	270	321.6	332.8	296.7		10	00	7.0	248	329.4	344.8	305.7	1	
		02	5.4	269	321.6	332.4	300.0			02	6.6	248	329.7	346.0	304.9	1	
		04	5.6	270	321.3	332.4	295.1			04	7.0	248	329.1	347.0	304.7	1	
		06	5.5	270	321.3	333.4	300.0			06	6.9	248	328.7	345.5	302.6	1	
		08	6.0	270	321.1	334.6	299.4			08	7.1	247	329.1	345.6	305.2	1	
		10	6.6	270	320.4	335.2	293.5			10	7.9	248	328.6	344.6	300.6	1	
		12	7.2	270	320.1	334.0	290.3			12	7.9	248	328.7	346.3	302.7	1	
		14	6.6	270	320.6	334.6	295.2			14	8.1	248	328.4	344.1	302.2	1	
		16	6.6	270	320.6	336.4	295.2			16	7.9	248	328.7	343.3	303.2	1	
		18	6.4	269	321.3	335.2	296.7			18	7.4	248	329.6	343.5	304.5	1	
		20	6.1	269	321.2	334.9	299.6			20	7.1	248	329.6	342.3	306.0	1	
		22	6.0	208	321.0	335.2	299.5			22	6.8	248	329.3	344.4	308.2	1	
24240	05	00	5.4	247	327.2	337.9	312.1		11	00	8.1	239	324.1	343.3	303.1	1	
		02	5.0	247	327.4	337.8	310.3			02	7.8	240	324.0	342.3	304.1	1	
		04	4.8	247	327.2	339.4	315.0			04	7.8	239	323.3	344.7	301.8	1	
		06	4.8	248	327.2	340.0	311.6			06	7.6	240	323.3	345.4	299.2	1	
		08	5.3	248	326.9	341.5	300.9			08	7.6	240	323.4	346.7	302.3	1	
		10	5.6	247	327.0	343.3	298.8			10	8.1	240	323.2	345.0	300.1	1	
		12	5.9	248	327.0	342.4	298.0			12	8.2	240	323.6	344.8	302.2	1	
		14	5.5	248	326.8	341.0	311.6			14	8.6	240	323.4	344.5	297.9	1	
		16	5.5	247	326.8	340.8	312.5			16	8.4	240	323.6	343.2	299.4	1	
		18	5.4	248	326.8	339.5	312.1			18	8.5	239	323.5	344.5	301.0	1	
		20	5.4	248	327.1	339.5	310.1			20	8.0	240	323.7	343.1	301.6	1	
		22	5.5	248	327.4	340.3	306.5			22	8.2	240	323.9	343.2	301.6	1	
24240	06	00	5.2	239	332.1	344.9	313.7		12	00	7.1	248	320.1	338.3	302.0	1	
		02	4.9	240	331.8	343.8	316.3			02	6.9	248	320.0	339.0	302.8	1	
		04	5.0	240	331.6	348.3	313.2			04	6.7	247	320.0	336.6	306.0	1	
		06	5.0	240	331.8	351.3	315.7			06	7.1	248	320.0	340.4	302.3	1	
		08	5.3	240	332.1	350.5	305.6			08	7.2	248	319.9	337.7	301.7	1	
		10	5.6	240	332.1	349.8	313.1			10	7.4	248	319.9	338.3	302.2	1	
		12	6.0	240	332.1	347.9	293.9			12	7.5	248	319.8	337.6	299.2	1	
		14	5.7	240	332.2	347.6	310.3			14	7.5	248	319.6	339.0	300.8	1	
		16	5.5	239	332.1	346.5	311.3			16	7.4	248	319.4	337.8	299.6	1	
		18	5.2	240	332.2	350.0	312.7			18	7.1	248	319.4	337.7	303.1	1	
		20	5.4	240	332.0	348.8	308.0			20	7.1	248	319.6	338.9	301.6	1	
		22	5.3	240	332.3	346.5	303.4			22	7.1	248	319.7	338.2	302.2	1	

STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
93037	01	00	6.5	248	244.9	257.7	228.2		07	00	13.1	248	271.6	300.5	225.6		1
		02	6.6	248	244.9	258.4	226.8			02	13.2	248	272.3	299.7	230.0		1
		04	6.4	248	244.9	258.6	224.9			04	12.9	248	271.6	297.1	228.8		1
		06	6.3	248	244.9	258.5	223.5			06	13.6	248	270.5	296.8	231.6		1
		08	6.5	248	244.1	257.5	224.0			08	15.7	248	264.2	294.1	224.4		1
		10	7.6	248	241.0	255.5	221.5			10	16.3	248	257.9	292.9	220.9		1
		12	8.2	248	239.0	255.4	220.3			12	16.3	248	254.1	292.6	218.1		1
		14	8.5	248	238.3	255.3	217.2			14	17.0	248	253.6	292.3	217.7		1
		16	8.2	248	240.2	255.7	221.6			16	18.2	248	256.0	294.5	217.6		1
		18	7.2	248	243.4	259.4	224.8			18	17.6	248	261.5	295.0	221.0		1
		20	6.8	248	244.5	260.3	226.6			20	15.7	248	267.3	298.1	225.6		1
		22	6.9	248	244.9	261.9	221.6			22	14.4	248	270.1	298.7	229.7		1
93037	02	00	6.3	226	246.2	263.0	229.7		08	00	11.5	248	272.9	304.2	237.7		1
		02	6.1	226	246.1	263.4	229.0			02	11.9	248	272.4	301.3	238.0		1
		04	6.0	226	246.1	263.0	230.0			04	11.6	248	271.1	301.3	236.1		1
		06	6.0	226	246.0	261.7	227.5			06	12.2	248	270.1	299.6	238.4		1
		08	6.5	225	243.7	259.8	225.0			08	14.3	248	263.3	296.2	231.5		1
		10	7.4	226	240.4	256.6	221.5			10	15.5	248	257.4	293.1	225.8		1
		12	8.1	226	238.3	257.7	218.6			12	15.7	248	253.8	290.2	222.4		1
		14	8.3	226	237.1	258.0	219.4			14	17.0	248	253.6	296.5	220.2		1
		16	8.3	226	238.3	257.8	221.6			16	17.1	248	256.0	300.3	219.7		1
		18	7.2	226	242.2	259.2	227.3			18	15.2	248	262.5	301.7	231.8		1
		20	6.7	226	244.4	258.0	228.4			20	13.5	248	267.9	300.3	232.9		1
		22	6.3	226	245.3	258.0	228.0			22	12.3	248	270.7	306.4	237.1		1
93037	03	00	7.3	248	245.3	259.5	225.3		09	00	13.7	240	258.4	294.6	225.4		1
		02	7.4	248	245.5	259.9	227.3			02	13.5	240	258.7	293.7	229.6		1
		04	7.1	248	245.7	258.8	222.0			04	13.2	240	258.2	293.7	226.2		1
		06	6.7	248	245.7	258.7	222.0			06	13.2	240	257.7	294.1	228.7		1
		08	7.9	248	242.9	258.6	219.5			08	15.0	240	252.6	288.6	223.9		1
		10	8.7	248	239.5	258.4	218.2			10	15.9	240	247.5	286.8	217.0		1
		12	9.2	248	237.2	259.7	217.1			12	15.4	240	243.9	284.4	215.3		1
		14	9.7	248	236.2	260.0	215.6			14	15.1	240	241.8	284.8	214.6		1
		16	9.9	248	236.6	260.5	215.1			16	15.9	240	243.2	287.8	213.4		1
		18	9.0	248	240.6	260.5	220.6			18	15.4	240	249.8	290.8	219.8		1
		20	8.4	248	243.2	259.6	223.8			20	14.6	240	254.5	293.4	225.2		1
		22	7.7	248	244.5	259.5	222.5			22	14.5	240	256.6	293.4	222.9		1
93037	04	00	9.6	240	248.8	273.8	223.4		10	00	9.7	248	249.9	288.7	226.2		1
		02	9.1	240	249.2	273.8	221.5			02	9.8	248	249.6	285.1	225.6		1
		04	8.9	240	249.0	272.5	224.9			04	9.9	248	249.0	283.4	225.9		1
		06	8.7	240	248.7	272.7	225.6			06	9.9	248	248.9	276.8	228.2		1
		08	10.4	240	245.2	270.6	217.3			08	11.4	248	245.1	279.3	223.6		1
		10	11.2	240	242.0	271.7	213.6			10	11.3	248	241.3	275.2	220.7		1
		12	11.7	240	239.6	274.0	212.6			12	11.2	248	238.4	272.3	218.0		1
		14	11.9	240	238.3	270.1	212.9			14	11.4	247	236.7	275.2	217.1		1
		16	12.4	240	238.9	269.3	212.9			16	11.5	248	238.9	275.0	217.9		1
		18	11.5	240	242.2	267.7	220.2			18	10.6	248	244.2	278.5	223.7		1
		20	10.4	240	246.3	273.0	222.2			20	10.0	248	247.3	279.4	226.2		1
		22	9.7	240	248.0	274.8	222.4			22	9.7	248	249.1	282.1	224.9		1
93037	05	00	11.8	248	257.2	290.6	226.1		11	00	6.7	240	246.6	260.6	227.1		1
		02	11.6	248	257.0	292.8	225.5			02	6.7	240	246.4	263.5	225.9		1
		04	11.2	248	256.6	290.4	225.0			04	6.9	240	246.0	262.5	227.0		1
		06	12.1	248	255.3	289.6	224.6			06	6.7	240	246.2	261.8	229.1		1
		08	12.9	248	250.8	283.4	218.7			08	7.5	240	244.2	260.7	222.6		1
		10	13.5	248	246.1	282.5	216.3			10	8.5	240	240.8	260.6	221.8		1
		12	14.0	248	243.4	276.6	215.9			12	8.8	240	238.9	262.5	218.3		1
		14	14.3	248	242.2	277.4	215.1			14	8.6	240	238.4	258.6	218.5		1
		16	14.2	248	243.4	276.5	215.5			16	8.0	240	241.2	259.3	218.8		1
		18	14.6	248	247.2	279.0	216.2			18	7.0	240	245.0	260.3	222.5		1
		20	13.7	248	252.5	280.0	216.2			20	6.6	240	246.2	259.7	226.9		1
		22	12.8	248	255.5	291.8	219.7			22	6.8	240	246.8	262.2	226.3		1
93037	06	00	14.7	239	260.6	290.4	221.6		12	00	6.3	247	245.5	259.4	227.7		1
		02	14.2	240	260.8	293.4	217.0			02	6.5	248	245.2	261.1	222.1		1
		04	14.1	240	261.2	293.5	224.3			04	6.2	248	244.9	261.1	224.2		1
		06	14.6	240	260.2	294.9	225.5			06	6.3	248	245.1	260.6	221.8		1
		08	15.9	240	254.2	289.3	220.6			08	6.6	248	243.8	259.8	226.2		1
		10	16.7	240	248.3	286.7	214.2			10	7.7	248	240.3	258.8	223.6		1
		12	16.9	240	244.1	285.6	213.7			12	8.3	248	238.3	260.6	220.6		1
		14	17.7	240	243.4	292.2	213.9			14	8.2	248	237.6	259.5	218.1		1
		16	18.2	240	244.2	289.6	213.6			16	7.5	248	240.2	258.4	221.9		1
		18	17.7	240	248.2	287.1	216.0			18	6.7	248	243.6	258.4	224.8		1
		20	16.3	240	254.4	291.3	218.6			20	6.4	248	245.1	259.4	225.5		1
		22	15.2	240	258.8	291.5	219.6			22	6.2	248	245.8	259.7	227.4		1



STA	MO	HR	S	D	J	MEAN	MAX	MIN	MO	HR	S	D	J	MEAN	MAX	MIN	TYPE
93814	01	00	8.7	247	307.6	340.2	291.9		07	00	16.4	279	348.9	396.0	306.0	1	
		02	8.6	248	307.9	342.7	292.4			02	15.8	279	348.8	389.7	312.1	1	
		04	8.5	248	307.9	343.6	292.1			04	15.1	278	349.1	385.7	316.4	1	
		06	8.6	248	307.9	344.2	291.8			06	14.6	279	349.9	385.2	319.9	1	
		08	8.4	245	308.3	340.0	294.7			08	16.6	279	348.9	382.0	312.3	1	
		10	8.9	248	307.9	343.0	292.4			10	23.4	279	343.3	379.1	109.6	1	
		12	9.9	248	307.0	341.4	288.5			12	19.7	278	339.2	379.5	296.7	1	
		14	10.3	248	305.9	342.1	286.7			14	20.5	279	336.7	384.4	286.0	1	
		16	9.9	248	306.1	339.1	285.9			16	20.4	279	336.5	387.5	291.3	1	
		18	9.2	248	307.0	333.8	288.1			18	20.0	279	340.0	377.5	290.9	1	
		20	9.0	248	307.7	336.4	289.0			20	18.0	279	347.5	393.6	296.3	1	
		22	8.8	248	307.6	339.6	289.5			22	16.9	279	348.6	395.1	305.3	1	
93814	02	00	7.7	226	305.5	333.3	287.8		08	00	16.0	279	343.3	375.9	301.6	1	
		02	7.0	226	305.7	332.5	291.2			02	15.3	278	344.1	373.7	308.6	1	
		04	6.7	226	305.9	331.6	292.9			04	14.7	279	344.5	378.9	310.6	1	
		06	6.5	226	306.3	330.6	294.1			06	14.0	278	344.9	375.1	313.4	1	
		08	6.8	226	306.6	330.6	292.2			08	15.3	279	344.5	375.8	310.1	1	
		10	7.8	226	305.9	334.3	286.2			10	17.5	279	338.9	373.5	299.4	1	
		12	9.2	226	304.1	335.3	284.9			12	19.1	279	333.4	378.2	293.1	1	
		14	10.2	226	302.5	336.7	282.8			14	19.7	279	328.5	368.8	285.4	1	
		16	10.4	226	302.1	333.8	280.7			16	20.5	279	328.4	373.3	283.3	1	
		18	9.7	226	303.7	335.6	285.3			18	20.5	279	333.4	375.0	282.2	1	
		20	8.9	226	304.8	336.8	286.0			20	18.0	279	340.8	376.7	297.9	1	
		22	8.5	226	305.3	338.7	286.1			22	17.1	279	341.9	377.6	303.9	1	
93814	03	00	9.2	248	305.3	339.9	287.6		09	00	15.9	240	328.8	373.9	290.8	1	
		02	8.5	248	305.9	337.0	289.4			02	15.0	240	329.2	367.7	294.8	1	
		04	8.4	248	306.1	336.6	292.2			04	14.4	240	330.1	371.7	300.6	1	
		06	8.0	248	306.4	336.0	293.7			06	13.8	240	330.4	367.1	304.2	1	
		08	8.1	248	306.0	333.7	292.1			08	14.4	240	330.6	368.1	298.9	1	
		10	9.3	248	304.1	339.3	286.5			10	17.1	240	325.2	367.8	290.5	1	
		12	11.1	248	302.1	345.1	276.3			12	19.6	240	319.7	369.4	278.8	1	
		14	12.0	248	300.8	347.2	275.8			14	20.5	240	315.5	367.5	274.2	1	
		16	11.8	248	300.1	335.0	276.6			16	21.2	240	314.5	369.2	267.5	1	
		18	11.2	248	301.4	337.7	280.6			18	19.5	240	319.9	366.9	272.6	1	
		20	10.3	248	303.3	338.2	284.5			20	17.6	240	325.4	369.3	280.5	1	
		22	9.7	248	304.5	338.5	286.5			22	16.3	240	327.3	368.5	286.5	1	
93814	04	00	12.4	239	310.4	347.5	289.5		10	00	15.5	245	317.7	366.7	283.6	1	
		02	12.0	240	310.5	346.3	285.4			02	14.9	248	318.1	363.6	288.5	1	
		04	11.4	240	311.0	344.4	290.7			04	14.1	248	318.7	362.1	286.8	1	
		06	11.6	240	311.5	350.7	290.7			06	13.8	248	319.1	362.3	290.3	1	
		08	12.8	240	311.0	350.7	288.5			08	14.2	248	319.2	363.6	289.4	1	
		10	14.2	240	308.3	348.1	281.5			10	16.2	248	315.5	366.9	284.8	1	
		12	14.8	240	306.2	354.7	279.8			12	17.5	248	311.4	364.3	281.6	1	
		14	14.2	240	304.2	350.3	276.1			14	17.9	248	308.7	360.2	273.0	1	
		16	14.6	240	303.4	351.1	274.3			16	17.8	248	308.5	361.6	271.4	1	
		18	14.7	240	305.6	354.9	279.5			18	17.4	248	312.6	362.1	278.2	1	
		20	14.0	239	308.9	357.0	284.7			20	16.7	248	315.2	365.0	283.4	1	
		22	13.0	240	310.3	354.6	288.9			22	16.0	248	315.9	363.3	283.2	1	
93814	05	00	15.0	246	323.6	359.4	294.7		11	00	9.5	240	307.1	345.0	288.1	1	
		02	14.2	248	324.1	357.9	296.2			02	9.2	240	307.3	339.9	288.6	1	
		04	13.6	248	324.3	358.1	295.8			04	9.0	240	307.6	341.2	290.8	1	
		06	13.7	248	324.5	362.8	296.8			06	8.9	240	308.0	338.6	291.1	1	
		08	15.3	248	323.2	360.0	291.4			08	8.9	240	308.2	343.2	289.7	1	
		10	17.3	248	320.0	363.0	286.3			10	9.7	240	306.4	344.0	284.2	1	
		12	18.1	248	316.4	362.3	284.9			12	10.3	240	304.1	347.9	282.6	1	
		14	18.5	248	314.3	360.5	282.8			14	11.0	239	302.6	344.7	277.7	1	
		16	18.9	248	314.4	360.6	283.3			16	11.0	239	302.8	337.6	279.6	1	
		18	18.4	247	316.7	364.0	284.4			18	10.4	239	304.7	345.4	280.7	1	
		20	16.6	248	321.7	362.1	291.3			20	9.6	239	305.8	343.1	285.0	1	
		22	15.3	248	323.4	358.7	295.2			22	9.3	240	306.5	344.2	282.6	1	
93814	06	00	16.9	240	341.0	375.7	296.0		12	00	8.0	248	306.1	346.0	291.9	1	
		02	16.6	240	341.0	374.2	304.6			02	8.0	248	306.7	345.0	291.3	1	
		04	15.9	239	341.2	375.2	306.0			04	8.0	247	307.0	339.4	292.7	1	
		06	15.9	240	342.1	380.6	303.1			06	7.7	248	307.2	344.3	296.4	1	
		08	17.0	239	340.7	377.3	299.2			08	7.3	247	307.6	346.9	297.2	1	
		10	18.8	240	337.0	377.6	292.4			10	7.9	247	306.5	347.8	291.7	1	
		12	20.7	240	333.1	374.7	290.7			12	9.1	247	304.5	351.9	289.6	1	
		14	20.8	240	330.7	372.0	286.3			14	9.5	248	303.3	346.7	287.3	1	
		16	21.0	240	330.3	377.3	286.4			16	9.4	248	303.7	344.9	282.8	1	
		18	20.5	240	333.8	375.1	286.3			18	8.5	248	304.8	345.1	287.2	1	
		20	18.7	238	340.5	380.1	300.5			20	8.4	248	305.6	346.0	286.9	1	
		22	17.3	240	341.6	376.4	300.1			22	8.2	248	305.7	347.8	285.7	1	

## 11. Appendix II. Worldwide $N_s$ Data

The worldwide  $N_s$  data presented in this section were obtained by conversion of average pressure temperature and humidity published in the World Meteorological Organization's monthly *Climatic Data for the World* into an estimate of average  $N$ . As noted earlier, this procedure introduces no more than a 2  $N$  unit error which is small compared to annual and geographic variations. All data are for the years 1953 to 1957, inclusive. Climatic atlases were used to obtain estimates of  $N$  for the vast expanses of ocean that have no regular network of reporting stations. These climatic averages represent an accumulation of reports from passing ships. Because of the nature of this data source, average  $N$  values at grid locations in ocean areas are termed "pseudo-ships" and are so listed in table 8.

**TABLE 8**  
(Values in brackets are estimated)

Sta. No.	Station	Region	Elev. Mtrs.	Lat.	Long.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	Eureka	Canada	2	80-00N	85-56W	*331	[336]	*338	327	314	315	317	315	316	318	325	*337
2	Mould Bay	Canada	15	76-14N	119-20W	*332	*331	*333	*322	315	314	317	315	312	312	*322	330
3	Coral Harbour	Canada	59	64-12N	83-22W	[322]	[325]	*323	312	311	315	314	319	314	310	314	*318
4	Alert	Canada	64	82-30N	62-20W	326	*326	*326	*322	315	312	*313	*314	314	*313	*322	*326
5	Norman Wells	Canada	62	65-18N	126-51W	323	*319	*318	310	309	317	325	324	316	311	315	320
6	Gander	Canada	147	48-57N	54-34W	308	306	306	308	312	318	327	327	321	315	310	307
7	The Pas	Canada	272	53-58N	101-06W	312	305	304	301	306	317	327	326	313	307	304	307
8	Nitchequon	Canada	515	53-12N	149-39W	*299	297	295	294	295	299	312	308	302	298	295	298
9	Edmonton	Canada	676	53-34N	113-31W	293	309	289	288	290	298	308	308	296	289	292	288
10	Barrow	Alaska	2	71-18N	156-47W	323	327	325	318	316	319	321	320	316	314	319	325
11	Saint Paul	Alaska	6	57-09N	170-13W	314	312	313	314	314	323	327	327	322	314	312	112
12	Juneau	Alaska	7	58-22N	134-35W	313	312	313	312	318	322	328	330	328	318	317	314
13	Anchorage	Alaska	40	61-10N	149-59W	311	309	308	307	310	318	327	325	316	308	309	309
14	Fairbanks	Alaska	138	64-49N	147-52W	319	313	308	304	304	315	326	320	313	307	309	312
15	Miami	Florida	4	25-49N	84-12W	342	343	348	358	367	376	379	379	380	363	352	347
16	San Francisco	California	5	37-37N	122-23W	324	326	323	325	328	331	332	332	332	328	327	325
17	Brownsville	Texas	6	25-55N	97-28W	339	345	346	359	368	377	375	376	370	358	346	340
18	Hatteras	N. Carolina	7	35-16N	75-33W	318	323	325	338	350	365	377	375	367	347	332	326
19	San Diego	California	9	32-44N	117-10W	323	322	323	326	330	338	345	347	344	334	322	318
20	New Orleans	Louisiana	9	30-00N	90-15W	329	331	333	344	358	368	377	374	367	345	333	332
21	Washington	D. C.	20	38-51N	77-02W	310	311	309	320	329	342	354	352	346	328	318	313
22	Tatoosh Island	Washington	26	48-23N	124-44W	318	320	316	321	327	333	337	340	336	328	324	321
23	Nashville	Tennessee	184	36-07N	86-41W	310	311	311	324	338	351	364	361	342	326	312	312
24	Caribou	Maine	191	46-52N	68-01W	307	305	304	305	310	324	332	330	323	312	309	306
25	Sault Ste. Marie	Michigan	221	46-28N	84-22W	307	306	304	306	309	324	333	333	323	315	309	306
26	Medford	Oregon	405	42-23N	122-52W	305	304	301	301	304	308	306	305	307	308	308	308
27	Las Vegas	Nevada	664	36-05N	115-09W	283	279	273	269	267	263	274	279	267	273	282	279
28	North Platte	Nebraska	850	41-08N	100-42W	284	283	283	282	296	307	318	313	295	290	286	282
29	Boise	Idaho	871	43-34N	116-13W	286	286	280	280	286	286	283	281	278	284	287	287
30	Great Falls	Montana	1, 115	47-30N	111-21W	274	272	272	270	272	277	278	273	271	271	271	271
31	El Paso	Texas	1, 194	31-48N	106-24W	266	261	258	253	258	270	283	288	270	270	264	262
32	Salt Lake City	Utah	1, 288	40-46N	111-58W	271	270	268	265	267	267	269	270	264	270	271	272
33	Denver	Colorado	1, 625	39-46N	104-53W	252	251	251	250	257	258	263	268	254	252	252	251
34	Honolulu	Hawaii	5	21-20N	157-55W	349	348	345	348	349	352	354	356	355	355	357	352
35	Hilo	Hawaii	11	19-44N	155-04W	349	348	351	353	358	359	359	368	362	361	359	358
36	Acapulco	Mexico	3	16-50N	99-55W	368	369	368	374	380	384	386	382	379	383	377	371
37	Chetumal	Mexico	4	18-30N	88-18W	381	381	388	393	395	398	403	402	402	394	385	*379
38	Vera Cruz	Mexico	16	19-12N	96-08W	360	368	369	382	386	388	387	388	385	381	369	361
39	Tapachula	Mexico	168	14-55N	92-16W	350	350	355	360	368	370	370	369	369	372	362	355
40	Mexico City	Mexico	2, 306	19-24N	99-12W	245	245	241	246	252	261	263	263	262	256	251	247
41	Kingston	Jamaica	7	17-56N	76-47W	364	*366	371	373	376	380	*379	*380	*382	*380	*372	362
42	Curacao Island	W. Indies	16	12-11N	68-59W	369	*368	*365	372	376	376	*375	*376	379	*379	*377	373
43	San Juan	Puerto Rico	19	18-26N	66-00W	359	359	360	364	372	377	379	380	379	376	371	366
44	Hamilton	Bermuda Is.	33	32-17N	64-47W	335	*335	*338	*342	355	370	*380	*378	374	364	346	343
45	Managua	Nicaragua	54	12-08N	86-12W	354	356	349	356	360	367	366	368	*371	369	364	355
46	Barcelona	Venezuela	7	10-07N	67-28W	364	367	362	366	375	380	378	380	378	379	376	*365
47	San Fernando	Venezuela	57	07-54N	67-28W	366	362	357	363	374	382	380	382	383	382	377	371
48	Fort de France	Martinique	146	14-37N	61-04W	358	356	356	363	371	371	375	377	380	376	371	363
49	Pisco	Peru	6	13-45S	76-14W	360	*360	359	354	347	342	340	339	342	342	347	350
50	Talara	Peru	88	04-34S	81-15W	352	354	358	364	351	352	351	344	*341	343	344	345
51	Iquitos	Peru	117	03-45S	73-11W	375	374	377	376	376	373	373	367	373	372	374	375
52	Huancayo	Peru	3, 350	12-02S	75-13W	*230	*230	*231	*226	224	219	*220	*219	*223	*228	*226	*226
53	Rurrenabaque	Bolivia	200	14-28S	67-35W	382	379	*379	370	362	352	*359	*365	*370	*384	*372	*373
54	Yacuiba	Bolivia	580	22-01S	63-43W	333	346	*343	331	318	310	306	*299	*310	*314	*322	*334
55	Juan Fernandez	Chile	6	33-37S	78-50W	342	345	341	339	335	331	332	330	331	331	335	341
56	Punta Arenas	Chile	8	53-10S	70-54W	315	321	314	312	314	312	313	310	316	311	315	315
57	Valparaiso	Chile	41	33-01S	71-38W	343	342	343	335	335	333	331	330	333	333	336	339
58	Antofagasta	Chile	122	23-29S	70-26W	342	340	342	336	330	326	326	326	*327	*330	333	*336
59	Isla Guala	Chile	140	43-34S	74-50W	328	333	328	326	322	320	319	320	*319	322	325	325
60	Islas Orcades	Del Sur Antarctica	4	60-44S	44-44W	308	309	307	306	307	306	305	308	308	309	307	307
61	Naval Deception I.	S. Shetland Is.	7	62-59S	60-43W	310	311	310	*309	308	307	306	308	308	307	309	*310
62	Ushuaia	Argentina	21	54-48S	68-19W	*313	310	311	*311	311	309	311	311	311	307	310	313
63	Buenos Aires	Argentina	25	34-35S	58-29W	349	347	343	335	331	332	324	325	324	330	338	333
64	Trelew	Argentina	39	43-14S	65-18W	304	310	312	309	315	312	309	305	306	304	305	303
65	Corrientes	Argentina	60	27-28S	58-49W	363	364	357	348	340	340	330	331	340	351	349	352
66	Cipolletti	Argentina	265	38-56S	68-01W		308						301				
67	Canadon Leon	Argentina	358	48-47S	70-15W	293	293	291	294	298	297	297	296	292	289	*287	291
68	San Juan	Argentina	630	31-36S	68-33W		306						290				
69	Caravelas	Brazil	4	17-44S	39-15W	377	378	379	378	372	370	364	362	367	368	373	376
70	Aracaju	Brazil	10	10-55S	37-03W	376	379	383	382	379	371	368	366	370	370	373	378
71	Santarem	Brazil	22	02-25S	54-43W	382	386	379	389	389	386	*374	385	383	382	383	384
72	Fortaleza	Brazil	27	03-46S	38-33W	379	383	382	384	377	374	372	370	371	372	367	374
73	Teresina	Brazil	79	05-05S	42-49W	370	378	382	384	377	365	349	339	341	346	352	360
74	Cuiaba	Brazil	165	15-36S	56-06W	370	369	370	367	355	345	329	322	339	353	361	367
75	Porto Nacional	Brazil	238	10-42S	48-25W	372	373	375	*375	360	350	338	331	349	361	365	375
76	Sao Luis Gonzaga	Brazil	257	28-24S	54-57W		354						327				
77	Tres Lagoas	Brazil	314	20-47S	51-42W		365						328				
78	Remanso	Brazil	411	09-41S	42-06W	338	346	341	340	*333	335	334	330	326	*332	*337	341



TABLE 8—Continued

Sta. No.	Station	Region	Elev. Mtrs.	Lat.	Long.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
79	Sao Paulo	Brazil	795	23-33S	46-38W	330	334	332		*320	315	*314	306	317	319	322	328
80	Zanderij	Surinam	20	05-27N	55-12W			*377	*382	384	383	380	378	*376	379	380	*382
81	Casablanca	Fr. Morocco	58	33-34N	07-40W	331	330	334	336	343	350	358	363	360	348	338	332
82	Ft. Trinquet	Mauritanie	359	25-14N	11-37W	303	303	302	305	305	313	308	313	312	310	310	304
83	Fes	Fr. Morocco	414	34-02N	04-59W	313	310	314	317	321	321	322	323	322	318	317	312
84	Oran	Algeria	91	35-38N	00-37E	323	321	326	329	334	342	351	355	351	341	329	324
85	El Golea	Algeria	398	30-34N	02-52E	302	293	293	290	289	290	288	290	300	305	303	305
86	Tunis	Tunisia	4	36-50N	10-14E	327	325	329	333	339	348	354	356	358	347	336	331
87	Fort Leclerc (Sebha)	Libya	444	27-01N	14-26E	293	287	284	283	283	283	287	292	297	301	299	299
88	St. Ismailia	Egypt	17	30-37N	32-15E	318	320	*317	317	324	338	346	352	352	342	344	325
89	Wadi Halfa	Sudan	160	21-50N	31-18E	297	292	287	283	284	290	295	303	300	295	300	302
90	Khartoum	Sudan	385	15-36N	32-33E	286	286	283	281	282	305	317	342	331	303	296	292
91	Wau	Sudan	439	07-42N	28-01E	294	296	316	332	346	354	355	357	353	348	330	307
92	Geneina	Sudan	805	13-29N	22-27E	265	263	261	264	282	307	327	341	331	296	273	271
93	St. Louis	Senegal	3	16-01N	16-30W	333	341	348	353	368	380	384	387	387	379	362	343
94	Bamako	Fr. Sudan	331	12-38N	08-02W	293	291	298	321	345	363	365	367	367	356	330	319
95	Dikou	Fr. Niger	300	19-00N	12-56E	*284	*286	*281	*275	288	*287	305	*328	*300	*287	*294	*292
96	Albertville	Belg. Congo	70	05-53S	29-11E	*342	*338	*341	*340	*332	*324	*309	*318	*327	*329	*337	*342
97	Zinder	Fr. Niger	479	13-48N	09-00E	287	284	287	295	310	342	332	359	351	315	296	292
98	Freetown	Sierra Leone	27	08-30N	13-14W	375	373	375	381	383	381	381	379	384	381	383	374
99	Cotonou	Dahomey	4	06-21N	02-23E	387	390	391	391	388	385	383	382	386	387	391	387
100	Lambarene	Fr. Eq. Africa	82	00-43S	10-13E	382	384	386	388	384	370	361	361	372	381	383	380
101	Brazzaville	Fr. Eq. Africa	314	04-15S	15-14E	369	366	369	370	367	352	345	341	350	361	366	369
102	Berberati	Fr. Eq. Africa	594	04-15N	15-48E	338	338	350	353	355	354	350	353	354	351	251	339
103	Seychelles Island	Indian Ocean	3	04-37S	55-27E	381	381	383	385	382	375	373	372	374	377	379	383
104	Dar es Salaam	Tanganyika	58	06-52S	39-12E	377	376	379	382	371	359	357	353	360	365	374	377
105	Entebbe	Uganda	1,146	00-03N	32-27E	321	318	324	324	325	320	319	319	320	319	319	320
106	Songea	Tanganyika	1,153	10-41S	35-40E	319	319	321	317	305	297	293	291	294	291	299	312
107	Asmara	Eritrea	2,326	15-17N	38-55E	*241	243	*252	*254	*251	*262	*269	273	*258	*251	262	253
108	Livingstone	N. Rhodesia	997	17-49S	25-49E	329	329						278				
109	Kasama	N. Rhodesia	1,385	10-12S	31-08E	313	310	311	305	294	283	278	277	275	274	289	311
110	Salisbury	S. Rhodesia	1,472	17-50S	31-01E	304	304	300	290	280	274	268	268	269	300	291	301
111	Mossuril/Lumbo	Mocambique	15	14-57S	40-40E	*385	*384	386	378	360	355	357	*357	362	*353	*373	*378
112	Mocamedes	Angola	46	15-22S	12-09E	354	360	358	354	*349	*348	*339	341	345	*351	*347	*344
113	Capetown	Union S. Afr.	49	33-58S	18-36E	339	342	339	326	334	330	331	328	329	331	331	334
114	Alexander Bay	Union S. Afr.	22	28-37S	16-29E	342	345	340	333	332	326	326	328	326	330	334	338
115	Tristan da Cunha I.	Atlantic Ocean	23	37-03S	12-19W	344	347	341	338	333	330	330	328	328	329	334	341
116	Marion Island	Prince Edward I.	22	46-51S	37-52E	317	318	319	317	314	314	314	315	314	315	314	314
117	East London	Union S. Afr.	124	33-02S	27-52E	352	354	352	340	334	322	320	322	334	341	342	341
118	Keetmanshoop	S. W. Afr.	1,066	26-34S	18-08E	273	290	292	280	273	272	271	266	265	265	268	272
119	Johannesburg	Union S. Afr.	1,704	26-08S	28-14E	*285	*287	285	*271	*262	*259	*258	*254	*266	*273	*279	*283
120	Dzaoudzi	Madagascar	4	12-49S	45-18E	388	386	389	386	380	370	367	368	371	371	378	388
121	Fort-Dauphin	Madagascar	8	25-02S	46-58E	375	371	370	366	355	350	349	349	347	358	369	369
122	Kerguelen Is.	Indian Ocean	12	49-20S	70-10E	*311	*311	314	*313	*314	*309	*309	312	*309	*309	*308	*311
123	Amsterdam Is.	Indian Ocean	28	37-50S	77-34E	*336	*336	*337	*334	332	*328	331	*330	329	*330	*334	*340
124	Diego-Suarez	Madagascar	29	12-17S	49-18E	381	380	383	374	364	356	351	349	349	357	368	379
125	Tananarive	Madagascar	1,309	18-54S	47-32E	310	310	313	305	298	292	291	290	291	293	303	310
126	Myggbukta	Greenland	4	73-30N	21-34W	317	320	319	316	314	317	317	*317	311	309	314	312
127	Egedesminde	Greenland	48	68-42N	52-52W	311	312	312	309	310	314	317	316	310	306	308	307
128	Prins Christians Sund	Greenland	77	60-03N	43-12W	304	307	307	309	313	317	316	317	312	307	308	304
129	Isfjord Radio	Svalbard	9	78-04N	13-38E	309	312	312	313	314	316	320	319	315	311	310	310
130	Bjornoya Is.	Arctic Ocean	14	74-31N	19-01E	309	310	312	313	315	317	320	320	317	313	313	310
131	Reykjavik	Iceland	18	64-08N	21-57W	311	313	312	312	314	318	324	326	316	314	314	309
132	Torshavn	Faeroerne Is.	26	62-03N	06-45W	317	318	320	322	323	327	331	331	327	322	325	317
133	Tromso	Norway	19	69-42N	19-01E	308	310	311	313	315	321	324	327	324	314	313	309
134	Oslo	Norway	96	59-56N	10-44E	308	309	308	308	314	320	328	328	323	316	312	310
135	Kobenhavn	Denmark	6	55-38N	12-40E	315	315	315	316	320	328	333	334	330	328	321	319
136	Helsinki	Finland	58	60-19N	24-58E	311	310	311	310	316	322	334	336	328	320	315	312
137	Sodankyla	Finland	180	67-22N	26-39E	308	310	306	304	306	309	316	321	315	309	307	309
138	Kew Obs (London)	United King	5	51-28N	00-19W	320	317	317	318	316	319	336	337	327	329	324	323
139	Stornoway	United King	5	58-13N	06-20W	319	318	318	323	324	328	334	333	328	325	326	319
140	Valencia	United King	14	51-56N	10-15W	321	319	322	324	324	324	332	338	337	335	331	324
141	Marseille	France	3	43-27N	05-13E	318	314	318	320	326	335	338	340	337	329	322	321
142	Brest	France	103	48-27N	04-25W	320	317	319	322	327	333	338	338	337	332	323	325
143	Uccle (Bruxelles)	Belgium	100	50-48N	04-21E	316	313	316	318	326	326	339	338	335	[330]	322	320
144	Zurich	Switzerland	569	47-23N	08-33E	297	295	296	298	306	313	319	316	315	310	302	299
145	Berlin (Templehof)	Germany	49	52-29N	13-24E	314	312	312	327	318	326	334	333	335	325	319	317
146	Salsburg	Austria	437	47-48N	13-00E	300	299	301	305	308	319	326	324	321	312	305	302
147	Kosice	Czech	235	48-42N	21-16E	308	306	308	308	317	332	336	331	325	318	314	315
148	Beograd	Yugo	139	44-48N	20-28E	313	311	311	313	325	339	339	333	329	324	316	315
149	Milano	Italy	120	45-28N	09-17E	314	311	315	319	327	341	337	346	341	331	320	317
150	Roma (Ciampino)	Italy	131	41-48N	12-36E	314	316	317	320	330	334	335	333	334	329	321	319
151	Sao Vicente	Cape Verde Is.	15	16-53N	24-59W	348	343	345	349	355	361	369	371	379	372	365	353
152	Horta	Azores Is.	61	38-32N	28-38W	334	330	333	334	341	350	355	357	356	346	337	338
153	Lisboa (Portela)	Portugal	103	38-46N	09-09W	325	321	327	323	328	332	335	339	337	331	328	327
154	Funchal	Maderia Is.	110	32-38N	16-54W	327	326	328	330	338	346	353	351	351	344	338	332
155	Madrid	Spain	601	40-28N	03-34W	298	294	294	294	300	305	301	301	305	305	302	300



TABLE 8—Continued

Sta. No.	Station	Region	Elev. Mtrs.	Lat.	Long.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
156	Iraklion	Crete Is.	48	35-21N	25-08E	323	320	321	323	335	339	341	346	343	338	330	325
157	Thessalonika	Greece	71	40-34N	23-00E	318	314	316	320	333	337	338	336	333	332	324	317
158	Nicosia	Cyprus	218	35-09N	33-17E	316	314	315	315	320	327	324	337	334	325	322	319
159	Izmir	Turkey	25	38-24N	27-10E	318	318	316	320	329	323	336	334	320	331	326	321
160	Diyarbakir	Turkey	653	37-55N	40-12E	294	*294	294	298	299	291	286	289	277	288	298	297
161	Bahrain	Arabian Pen.	2	26-16N	50-37E	336	341	342	348	358	368	377	392	386	371	354	346
162	Aden	Arabian Pen.	4	12-50N	45-01E	365	366	372	381	385	386	381	379	377	372	368	370
163	Muscat	Arabian Pen.	6	23-45N	58-35E	*343	*343	*352	356	352	375	396	396	384	363	358	349
164	Shaiba (Basra)	Iraq	19	30-25N	47-39E	329	329	*324	343	329	319	320	323	326	322	332	334
165	Habbaniya	Iraq	45	33-22N	43-34E	322	317	319	319	313	304	303	307	313	314	323	322
166	Karachi	West Pakistan	4	24-48N	66-59E	326	338	356	371	385	395	395	392	386	369	351	331
167	Lahore	West Pakistan	214	31-27N	74-26E	315	313	318	313	310	330	368	371	357	335	321	315
168	Peshawar	West Pakistan	358	34-01N	71-35E	302	302	311	312	312	299	344	351	330	309	304	300
169	Dalbandin	West Pakistan	849	28-54N	64-26E	290	279	280	275	268	266	277	271	264	267	276	281
170	Masulipatnam	India	3	16-11N	81-08E	360	367	373	388	389	378	387	384	388	390	368	360
171	Calcutta (Alipore)	India	6	22-32N	88-20E	338	339	347	368	382	389	395	397	395	381	348	341
172	Bombay (Colaba)	India	11	18-54N	72-49E	346	348	362	371	378	387	390	388	381	379	360	352
173	Dwarka	India	11	22-22N	69-05E	335	335					388					
174	Mangalore	India	22	12-52N	74-51E	359	365	370	374	379	387	386	387	382	383	369	354
175	Dhubri	India	35	26-01N	89-59E	341	333	340	360	381	392	395	397	395	380	355	346
176	Dibrugarh	India	106	27-28N	94-55E	338	340	342	356	368	382	389	390	387	369	349	340
177	Agra	India	169	27-10N	78-02E	305	305					375					
178	Jodhpur	India	224	26-18N	73-01E	302	292	293	285	297	340	360	368	353	311	298	304
179	Sagar	India	551	23-51N	78-45E	297	287	285	281	292	332	365	363	352	308	294	296
180	Bangalore	India	921	12-58N	77-35E	305	313	297	315	328	333	332	329	327	334	316	307
181	Colombo	Ceylon	7	06-54N	79-52E	371	374	382	387	392	387	382	382	382	385	378	376
182	Leh	Kashmir	3,514	34-09N	77-34E	204	202	201	201	199	199	206	208	202	198	199	202
183	Rangoon	Burma	17	16-46N	96-10E	343	354	368	375	386	392	393	*391	389	387	372	351
184	Victoria Point	Burma	47	09-58N	98-35E	368	377	377	384	392	390	389	*388	386	388	*376	369
185	Mandalay	Burma	77	21-59N	96-06E	336	336	339	349	372	376	373	380	381	380	*368	345
186	Bangkok	Thailand	16	13-44N	100-30E	368	379	386	393	394	386	392	392	395	391	380	365
187	Chiang Mai	Thailand	314	18-47N	98-59E	340	338	342	349	369	376	376	378	379	374	364	345
188	Pattie Island	Viet-nam	7	16-33N	111-37E	*363	369	384	392	403	404	393	394	384	388	376	371
189	Saigon	Viet-nam	10	10-49N	106-40E	362	361	369	377	385	387	385	385	386	384	376	371
190	Cocos Keeling Is.	Indonesia	5	12-05S	96-53E	371	382	369	370	381	378	376	373	371	379	371	370
191	Djakarta	Indonesia	8	06-11S	106-50E	384	383	384	385	388	383	377	377	376	376	380	377
192	Ambon	Indonesia	12	03-42S	128-05E	373	380	373	375	384	379	380	*379	376	*381	*375	*389
193	Morotai	Indonesia	15	02-03N	128-19E	383	384	388	383	383	385	378	376	378	383	380	387
194	Malacca	Malaya	45	02-12N	102-16E	*355	*358	365	*373	*374	*370	*359	*368	*367	*367	*368	*360
195	Zamboanga	Philippines	6	06-54N	122-04E	379	376	380	381	386	385	383	384	383	384	384	378
196	Basco	Batan Island	11	20-27N	121-58E	362	361	372	381	389	392	392	394	391	382	373	363
197	Manila	Philippines	15	14-31N	121-00E	368	368	366	368	370	386	386	388	386	387	379	381
198	Surigao	Philippines	22	09-48N	125-30E	386	384	385	386	389	388	389	385	388	387	389	389
199	Port Blair	Andaman Is.	79	11-40N	92-43E	365	366	366	371	385	388	385	386	384	385	380	370
200	Onslow	Australia	4	21-40S	115-07E	350	355	356	339	336	332	324	320	321	317	325	333
201	Townsville	Australia	4	19-15S	146-46E	378	374	369	363	351	341	335	337	340	357	362	368
202	Thursday Island	Australia	6	10-35S	142-13E	387	389	391	387	382	375	374	366	366	378	378	384
203	Rockhampton	Australia	10	23-23S	150-29E	368	366	364	356	340	335	331	328	340	348	354	359
204	Broome	Australia	19	17-57S	122-13E	375	383	369	369	330	320	321	323	324	346	358	368
205	Darwin	Australia	27	12-26S	130-52E	383	381	382	376	362	343	341	345	354	377	375	384
206	Brisbane	Australia	41	27-28S	153-02E	348	357	359	348	331	326	322	323	329	331	336	345
207	Sydney	Australia	42	33-52S	151-12E	346	353	350	337	327	321	320	319	323	324	324	341
208	Adelaide	Australia	43	34-56S	138-35E	318	320	322	322	322	323	323	320	318	315	314	315
209	Melbourne	Australia	44	37-49S	144-58E	328	336	332	325	323	322	319	319	320	320	320	322
210	Perth	Australia	60	31-57S	115-49E	331	342	330	326	329	327	326	325	323	325	325	325
211	Bourke	Australia	110	30-06S	145-56E	316	335	328	321	318	316	315	315	310	314	310	314
212	Forrest	Australia	160	30-51S	128-06E	315	315	321	318	321	322	318	315	315	309	310	313
213	Western Junction	Tasmania	174	41-33S	147-13E	322	319	320	322	319	314	313	316	314	316	315	314
214	Charleville	Australia	299	26-25S	146-17E	333	333					305					
215	Georgetown	Australia	302	18-17S	143-33E	348	357	344	334	325	316	319	316	312	326	329	331
216	Halls Creek	Australia	430	18-15S	127-38E	320	326	312	306	296	289	288	284	281	285	310	311
217	Meekatharra	Australia	511	26-36S	118-29E	288	293	295	296	297	306	300	299	288	287	278	284
218	Alice Springs	Australia	546	23-48S	133-53E	281	285	282	291	282	286	290	282	280	292	278	284
219	Dunedin	New Zealand	2	45-52S	170-32E	330	329	331	329	323	320	319	318	320	319	321	323
220	Christchurch	New Zealand	8	43-32S	172-37E	333	338	338	333	329	324	324	324	325	321	321	327
221	Auckland	New Zealand	76	36-51S	174-46E	341	346	344	333	340	333	328	330	328	327	330	335
222	Wellington	New Zealand	119	41-17S	174-46E	330	339	337	332	327	321	320	323	324	321	328	330
223	Apia	Samoa West	2	13-48S	171-47W	388	388	388	391	384	384	379	379	380	384	384	388
224	Canton Island	South Pacific	3	02-46S	171-43W	374	373	378	382	378	375	380	376	374	373	374	368
225	Wake Island	North Pacific	4	19-17N	166-39E	358	360	365	369	373	380	381	386	382	382	376	367
226	Raratonga Is.	South Pacific	5	21-12S	159-46W	377	383	386	*379	368	365	364	360	355	362	368	377
227	Heard Is.	Indian Ocean	5	53-06S	72-31E	314	*316	*316	*315	312	*309	*309	*311	*308	310	310	313
228	Madang	Terr. of New Guinea	6	05-13S	145-48E		382						383				
229	Macquarie Is.	South Pacific	6	54-30S	158-57E		319						317				
230	Rabaul	New Britain Is.	6	04-13S	152-11E	390	386	387	389	388	385	381	379	385	383	387	386
231	Rapa Iti Island	South Pacific	6	27-35S	144-17W		369						343				
232	Midway Island	North Pacific	13	28-13N	177-22W	364	365	365	368	371	389	402	403	402	392	379	378
233	Mawson	Antarctica	14	67-36S	62-53E	*296	*301	300	*303	305	*306	*306	*308	*308	*300	*301	*300
234	Campbell Is.	South Pacific	23	52-32S	168-59E	325	323	325	322	322	316	317	319	312	318	320	322

TABLE 8—Continued

Sta. No.	Station	Region	Elev. Mtrs.	Lat.	Long.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
235	Rotuma Is.	South Pacific	26	12-30S	177-05E	384	386	389	385	386	384	379	378	378	381	380	385
236	Port Moresby	Papua Island	30	09-26S	147-13E	378	378	373	380	374	370	365	365	365	367	374	372
237	Raoul Is.	South Pacific	49	29-15S	177-55W	349	352	353	347	343	335	332	332	334	335	340	346
238	Leningrad	USSR	4	59-58N	30-18E	311	311	313	313	320	326	333	339	326	(1)	320	314
239	Okhotsk	USSR	6	59-22N	143-12E		320								(1)		
240	Ostrov Chetyrekhshtolbovoy.	USSR	6	70-38N	162-24E	326	330	324	321	315	317	318	316	316	(1)	317	328
241	Mys Schmidt	USSR	7	68-55N	179-29W	327	327	324	320	314	317	319	318	315	(1)	319	327
242	Bukhta Tiksi	USSR	8	71-35N	128-55E	335	330	332	318	314	315	316	318	312	(1)	327	325
243	Arkhangelsk	USSR	13	64-35N	40-30E	313	310	315	0	315	322	325	336	327	(1)	313	307
244	Mys Cheliuskin	USSR	13	77-43N	104-17E	329	330	330	322	316	314	320	318	313	(1)	326	330
245	Malye Karakumakuly.	USSR	16	72-23N	52-44E	312	317	321	314	311	318	324	324	316	(1)	314	311
246	Fort Shevchenko	USSR	20	44-33N	50-15E	317	316	315	319	327	341	346	340	316	(1)	315	319
247	Ostrov Dikson	USSR	20	73-30N	80-14E		330	327	319	314	316	320	323	314	(1)	321	319
248	Khatanga	USSR	24	71-59N	102-28E		336								(1)		
249	Simushir	USSR	26	46-51N	151-52E		310								(1)		
250	Ust-Tsilma	USSR	27	65-27N	52-10E	316	312	317		310	313		330		(1)		308
251	B. Elan	USSR	31	46-55N	142-44E	313	314	323	310	315	327	340	339	332	(1)	311	312
252	Surgut	USSR	43	61-15N	73-30E		315						331		(1)		
253	Berezhovo	USSR	43	63-56N	65-03E	318	318	318	311	311	322		337	325	(1)	315	313
254	Tallin	USSR	44	59-25N	24-48E	311	308	312	313	321	327	334	337	326	(1)	317	310
255	Murmansk	USSR	46	68-68N	33-03E		308		310	310	316	322	326		(1)		
256	Chokurdakh	USSR	48	70-37N	147-53E	335	336	326	317	313	316	320	316		(1)		
257	Odessa	USSR	64	46-29N	30-38E	313	315	313	319	329	338	340	332	334	(1)	322	314
258	Chimbay	USSR	66	42-57N	59-49E	313	310	312	315	316	316	330	329	325	(1)	313	315
259	Petropavlovsk Na Kamchatke.	USSR	70	52-58N	158-45E	302	303	302	302	307	317	326	330	324	(1)	301	303
260	Khabarovsk	USSR	72	48-31N	135-10E	317	313	308	307	311	330	352	341	326	(1)	308	313
261	Kaunas	USSR	75	54-53N	23-53E	311	309	310	314	324	327	335	336	326	(1)	314	313
262	Yeniseysk	USSR	78	58-27N	92-09E	322	319	314	306	307	322	336	336	321	(1)	312	310
263	Omsk	USSR	94	54-56N	73-24E	319	312	314	311	309	316	338	335	322	(1)	310	311
264	Blagoveshchensk	USSR	137	50-16N	127-30E		314								(1)		
265	Verkhoyansk	USSR	137	67-33N	133-23E	351	344	335	309	302	309	318	313	306	(1)	335	338
266	Vladivostok	USSR	138	43-07N	131-54E	309	308	304	305	316	332	351	350	328	(1)	308	313
267	Moskva	USSR	156	55-45N	37-34E	307	304	305	308	311	322	327	329	322	(1)	311	307
268	Zhana Semey	USSR	206	50-21N	80-15E	312	309	311	311	312	314	333	315	301	(1)	310	308
269	Armavir	USSR	208	44-59N	41-07E	309	310	311	314	321	333	322	326	(1)	316	311	
270	Ashkhabad	USSR	230	37-58N	58-20E	308	304	309	317	300	308	305	301	291	(1)	311	
271	Sverdlovsk	USSR	237	56-48N	60-38E	308	305	306	298	304	308	313			(1)	305	302
272	Abakan	USSR	245	53-45N	91-24E	317	312	310	304	308	319	329	332		(1)		
273	Kirensk	USSR	261	57-46N	109-07E	323	316	309		302	307	322	321		(1)		
274	L'vov	USSR	325	49-49N	23-57E	305	303	303	307	320	318	331	329	321	(1)	311	304
275	Balkash	USSR	423	46-54N	75-00E	297	301	301	299	302			306		(1)		
276	Tashkent	USSR	428	41-16N	69-16E	302	295	301	315	306	305	302	301	296	(1)	303	303
277	Irkutsk	USSR	437	52-16N	104-21E	310	306	301	291	300	306	315	316		(1)		
278	Saratov	USSR	512	51-34N	46-02E	298	293	297	299	300	318	318	308	301	(1)	299	297
279	Karaganda	USSR	555	49-48N	73-08E		298								(1)		
280	Chita	USSR	662	52-03N	113-29E	305	298	290	282	281	299	310	307		(1)		
281	Chulman	USSR	664	56-50N	124-52E	320	306	299	288		291		307		(1)		
282	Alma Ata	USSR	847	43-14N	76-56E	288	284	290	294	294	298	301	294	283	(1)	287	286
283	A			62-00N	33-00W	308	315	313	316	317	324	327	325	321	315	313	307
284	B			56-30N	51-00W	310	311	313	313	319	322	327	326	321	315	312	310
285	C			52-45N	35-30W	319	315	316	322	323	329	335	334	331	324	320	316
286	D			44-00N	41-00W	328	324	326	330	335	342	358	360	349	337	330	331
287	E			35-00N	48-00W	335	336	339	342	353	366	374	375	369	358	350	347
288	H			36-00N	70-00W	*333	*326	*330	*341	*347	*362	*382	*370	*367	*346	*335	*348
289	I			59-00N	19-00W	315	315	316	319	321	327	331	331	326	320	319	316
290	J			52-30N	20-00W	323	319	322	324	326	333	338	338	333	328	326	320
291	K			45-00N	16-00W	330	322	328	330	336	342	350	350	346	339	331	333
292	M			66-00N	02-00E	*312		*314	*316	*318	*321	*322	*324	*324	*315	*318	*312
293	N			31-00N	140-00W	341	340	336	339	341	346	350	351	351	349	346	345
294	P			50-00N	145-00W	*316	*319	320	318	325	329	334	*338	*337	*324	*325	317
295	Q			43-00N	167-00W	*314	*316	*321	*322	*328	*336	*350	*352	*343	*327	*321	*318
296	S			48-00N	162-00E	*304	*309	*309	*310	*317	*322	*330	*334	*334	*323	*310	*309
297	T			29-00N	135-00E	*331	*334	*341	*342	*358	*379	*389	*390	*380	*365	*351	*335
298	U			27-40N	145-00W	*351	*349	*343	*344	*350	*348	*351	*353	*354	*358	*348	*346
299	V			34-00N	164-00E	329	332	336	341	352	359	381	383	371	370	356	339
300	X			39-00N	153-00E	*319	316	318	*328	*334	*345	366	*372	*356	*339	*324	*323
301	PSEUDO-SHIPS																
302	A'			25N	45W		362						382				
303	B'			15S	10W		368						356				
304	C'			55S	00W		310						309				
305	D'			45N	180W		316						337				
	E'			45N	150W		321						344				
306	F'			30S	140W		373						349				
307	G'			40S	100W		347						331				
308	H'			60S	140W		309						308				
309	I'			50S	120E		317						313				



TABLE 8—Continued

Sta. No.	Station	Region	Elev. Mtrs.	Lat.	Long.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
310		J'-----		10S	70E		393						381				
311		K'-----		10N	130W		385						394				
312		L'-----		15S	100W		375						363				
313	Fukuoka-----	Japan-----	4	33-35N	130-23E	317	316	320	329	340	357	379	379	363	339	332	319
314	Tokyo-----	Japan-----	6	35-41N	139-46E	308	308	314	326	336	351	369	372	359	338	321	312
315	Wajima-----	Japan-----	7	37-23N	136-54E	316	315	317	323	316	349	369	373	356	336	325	319
316	Hakodate-----	Japan-----	35	41-47N	140-43E	*311	*310	*310	*316	*324	337	*358	*362	*340	*324	*316	*311
317	Abashiri-----	Japan-----	39	44-01N	144-17E	309	309	309	310	316	327	343	348	335	321	311	309
318	Ishinomaki-----	Japan-----	45	38-26N	141-19E	*310	*310	*310	*316	*330	*345	*369	*374	*348	*333	*320	*314
SUPPLEMENT																	
319	Chatham Islands...	So. Pacific-----	49	43-58S	176-33W	336	337	336	334	329	323	322	321	321	325	330	330
320	Noumea-----	New Caledonia---	70	22-16S	166-27E	365	371	365	364	352	350	342	342	345	348	353	356
321	Norfolk Island-----	So. Pacific-----	110	29-03S	167-56E		362						338				

<sup>1</sup> No data.

\*Three years or less of data.

## 12. Appendix III. $N(h)$ Data and Charts for the United States

Average values of  $\Delta N$  were obtained for the 43 U.S. weather stations listed in tables 9 and 10 by converting the mean values of pressure, temperature, and humidity at ground level and at one kilometer above the ground. Charts were then derived for each time of radiosonde (local time corresponding to 0300 and 1500 GMT) for estimation of  $\Delta N$  at any point in the country. These charts are given on figures 94–117. All data represent the mean of the period 1946–1951.

The 24 charts of  $-\Delta N$  presented in appendix III fall into two distinct groupings; one composed of the charts for 0300 GMT (2200 EST) and the other for the 1500 GMT (1000 EST) sequence. The two series exhibit a similar seasonal variation, while the most significant difference between the two lies in the greater changes in  $-\Delta N$  across the country for the 0300 GMT charts, particularly during the warmer months, reflecting the greater degree of temperature and humidity stratification common to the lower atmosphere at the time of the evening radiosonde observation.

During the winter season, regions of  $-\Delta N$  greater than 40  $N$  units/km (the value for the so-called "4/3 earth") are confined in the eastern United States to the Gulf and Atlantic coastal plain from the Balcones Escarpement in Texas to Chesapeake Bay and in the west to a narrow strip of territory running from northern Washington to south central Arizona.

In the summer season, however, the 40  $N$  unit/km isopleth extends to the western reaches of the Great Plains. Considerable packing of the  $-\Delta N$  isopleths is in evidence across the southern United States and on the Pacific coast due to the normal gradation from maritime to continental climate. The 40  $N$  unit/km isopleth of the west coast, on the other hand, remains fairly static throughout the course of the seasons, corresponding to the climatic barrier formed by the Sierra Nevada, Cascade, and Coast Ranges of the western cordillera. Again, the packing of the  $-\Delta N$  isopleths is greater on the 0300 GMT charts than on the 1500 GMT sequence. A maximum  $-\Delta N$  isopleth of 75  $N$  units/km is observed on the 0300 GMT chart for the month of July.

Mean values of temperature, humidity, and height were obtained for each of the mandatory pressure levels (1000 mb, 950 mb, 900 mb, 850 mb, . . .) reported at the 43 radiosonde observatories used in this study. These means for the period 1946–1951 were then converted into means of  $N$  and are reported in table 11.

TABLE 9.—Six year average values of  $-\Delta N$  surface to one kilometer above the surface for 0300 GMT

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Albany, N.Y.	36.2	36.4	37.4	38.4	42.1	46.1	49.1	49.2	45.5	43.4	38.2	37.1
Albuquerque, N. Mex.	29.4	28.4	26.6	26.7	26.8	27.3	27.8	36.6	32.3	29.1	28.2	29.3
Atlanta, Ga.	37.5	38.0	39.3	42.0	46.0	50.4	52.2	53.7	47.5	47.2	43.0	40.0
Big Spring, Tex.	36.3	36.1	34.1	34.6	40.7	40.0	37.0	36.6	37.3	38.8	36.8	36.9
Bismarck, N. Dak.	39.0	38.1	36.9	37.7	37.6	44.6	49.9	46.9	39.7	38.1	37.6	37.4
Boise, Idaho.	34.9	36.0	34.9	34.3	36.0	37.8	39.8	41.4	39.2	38.0	37.6	36.2
Brownsville, Tex.	46.2	52.3	56.8	64.5	69.8	73.5	75.7	74.3	67.8	61.4	52.2	52.5
Buffalo, N.Y.	36.1	36.2	37.6	38.2	40.1	47.5	49.5	49.9	45.7	44.6	37.1	36.4
Caribou, Maine	37.2	37.1	36.8	37.8	38.6	44.4	48.5	47.2	44.8	41.4	38.2	36.9
Charleston, S.C.	42.3	43.2	45.2	52.2	58.0	62.4	63.7	63.8	58.0	53.0	48.0	42.3
Dodge City, Kans.	37.3	36.0	36.5	37.5	44.0	45.1	45.9	47.2	40.5	40.3	38.1	39.3
El Paso, Tex.	32.2	30.1	26.5	26.3	26.2	29.1	33.3	34.2	34.9	31.0	30.7	32.6
Ely, Nev.	32.2	31.5	30.4	29.8	30.4	28.0	31.5	30.8	28.2	29.4	32.1	32.3
Glasgow, Mont.	37.4	36.8	35.4	33.8	33.6	39.8	41.6	38.5	36.8	36.2	36.0	36.6
Grand Junction, Colo.	32.5	33.2	31.0	29.8	28.6	27.8	32.6	32.6	31.1	32.5	32.5	33.2
Great Falls, Mont.	32.7	31.8	32.2	30.6	31.2	36.9	27.6	32.7	32.4	32.9	32.5	32.2
Greensboro, N.C.	38.5	37.7	39.1	40.9	49.2	52.3	54.8	55.5	49.8	45.9	41.1	40.4
Hatteras, N.C.	45.2	45.5	46.7	51.7	57.4	64.5	65.9	66.8	60.1	57.3	50.8	46.9
Int'l. Falls, Minn.	38.8	37.7	35.7	35.8	36.7	42.0	46.4	48.9	44.2	38.9	36.6	37.7
Joliet, Ill.	38.9	38.2	39.0	40.4	41.4	46.8	50.1	51.8	48.5	45.2	39.7	39.1
Lake Charles, La.	42.8	46.7	52.2	55.8	61.6	67.2	65.6	67.0	58.4	54.3	50.2	46.2
Lander, Wyo.	31.6	30.9	30.8	29.8	32.3	35.4	34.4	31.6	31.7	32.1	32.3	31.4
Las Vegas, Nev.	33.8	32.2	28.8	27.6	25.8	21.4	26.7	26.0	26.4	29.4	32.6	32.7
Little Rock, Ark.	37.2	38.6	38.8	42.1	48.1	53.4	54.2	56.0	50.8	48.4	42.2	40.8
Medford, Oreg.	40.1	40.3	37.9	37.4	35.2	33.2	28.8	29.3	36.4	42.2	42.4	41.2
Miami, Fla.	50.6	50.9	53.3	52.6	59.3	60.0	59.2	61.0	61.0	57.2	52.4	49.7
Nashville, Tenn.	38.6	39.3	39.2	40.9	49.0	50.5	55.0	53.6	48.8	46.0	40.8	40.6
North Platte, Nebr.	36.1	36.5	36.3	36.9	40.2	47.4	52.3	50.9	44.9	40.0	38.1	37.2
Oakland, Calif.	45.4	45.2	45.5	47.5	50.4	55.0	65.6	66.1	60.2	52.8	49.2	45.3
Oklahoma City, Okla.	38.4	38.5	37.7	38.5	48.2	54.0	54.5	52.7	47.0	43.3	39.7	39.8
Omaha, Nebr.	37.8	37.0	37.4	37.1	41.6	48.0	52.7	55.4	50.2	43.0	38.6	37.8
Phoenix, Ariz.	40.0	40.5	37.4	35.9	32.3	34.0	38.6	42.3	48.7	45.2	44.8	43.2
Pittsburgh, Pa.	35.8	36.1	35.8	36.3	40.8	45.4	48.3	46.4	44.0	41.4	37.4	36.4
Portland, Maine	37.3	36.7	38.8	40.1	42.7	46.3	49.6	50.3	47.0	43.9	40.1	38.0
Rapid City, S. Dak.	34.7	34.3	34.6	34.1	37.4	43.6	47.0	41.8	36.1	35.8	35.5	34.6
San Antonio, Tex.	35.7	38.3	40.5	44.4	47.0	46.9	45.3	43.9	45.0	41.4	39.6	40.6
Santa Maria, Calif.	49.6	49.0	47.7	49.6	49.0	55.9	66.1	65.6	63.1	56.8	52.5	51.0
Sault Ste. Marie, Mich.	36.0	36.1	36.9	38.9	40.6	43.7	47.8	48.5	45.2	43.5	37.8	35.7
Spokane, Wash.	36.1	36.4	36.3	35.6	34.7	34.1	29.4	31.0	36.3	38.6	38.4	36.4
Tampa, Fla.	48.4	50.5	53.1	55.0	59.0	61.6	61.6	61.5	59.8	55.6	52.1	49.5
Tatoosh Is., Wash.	40.5	41.4	44.0	43.6	47.9	49.0	52.4	53.0	50.2	46.5	42.4	40.8
Toledo, Ohio	32.3	38.0	38.4	39.4	42.2	48.7	51.4	51.9	40.4	46.4	40.5	38.8
Washington, D.C.	36.5	36.4	36.3	38.9	46.6	50.8	56.2	55.8	51.8	45.6	39.8	37.7

TABLE 10.—Six year average values of  $-\Delta N$  surface to one kilometer above the surface for 1500 GMT

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Albany, N.Y.	(*)											
Albuquerque, N. Mex.	30.8	31.2	29.1	28.8	29.8	32.1	35.6	39.1	35.3	31.3	30.4	31.8
Atlanta, Ga.	38.0	38.7	40.4	41.2	45.0	49.0	50.5	51.7	46.2	46.0	40.8	39.4
Big Spring, Tex.	38.2	40.0	38.4	39.9	47.8	52.2	48.4	48.0	44.5	45.0	39.2	39.4
Bismarck, N. Dak.	40.0	38.8	37.0	37.8	37.8	45.4	50.9	49.5	41.0	40.4	37.5	38.2
Boise, Idaho.	35.1	36.1	36.1	37.1	36.8	39.5	38.7	38.2	36.9	37.2	38.0	35.7
Brownsville, Tex.	42.9	47.6	54.1	55.0	57.3	54.2	57.3	60.8	58.1	56.0	46.8	48.2
Buffalo, N.Y.	36.0	35.7	36.4	36.2	38.6	43.7	45.4	45.0	42.9	40.9	37.7	36.1
Caribou, Maine	37.1	36.6	35.7	36.4	36.6	41.4	45.9	45.4	43.0	39.7	37.6	36.6
Charleston, S.C.	40.8	40.7	41.2	44.8	49.2	54.5	58.1	58.0	53.6	49.8	44.6	40.6
Dodge City, Kans.	37.1	37.4	36.3	37.1	45.0	48.3	51.7	51.7	45.7	42.9	39.7	39.6
El Paso, Tex.	32.3	33.8	29.8	30.0	29.2	34.6	40.2	40.6	38.0	32.7	31.6	33.7
Ely, Nev.	33.0	32.6	31.9	32.3	31.9	30.6	32.4	32.7	30.7	32.3	33.0	32.6
Glasgow, Mont.	38.7	38.0	36.3	35.1	34.9	43.0	46.2	43.3	38.9	37.8	36.9	36.8
Grand Junction, Colo.	32.7	32.9	31.4	30.8	30.5	31.8	35.8	36.3	33.6	32.6	33.6	32.7
Great Falls, Mont.	33.2	32.0	32.6	31.8	33.5	39.9	39.8	37.4	35.4	34.3	32.7	32.5
Greensboro, N.C.	37.2	35.7	36.5	38.7	43.5	48.5	51.9	53.0	47.6	43.8	39.5	39.1
Hatteras, N.C.	44.8	43.2	44.6	48.7	56.0	62.0	63.7	63.6	57.2	55.4	48.0	45.3
Int'l. Falls, Minn.	40.0	39.1	36.2	35.6	36.5	41.6	46.9	49.4	45.4	40.6	37.0	39.1
Joliet, Ill.	38.5	38.2	38.5	39.2	41.6	48.1	49.6	51.2	46.8	44.7	39.2	38.3
Lake Charles, La.	44.3	45.3	48.5	52.8	56.2	57.8	60.1	58.8	56.6	54.2	48.3	46.4
Lander, Wyo.	32.2	32.0	31.1	32.0	34.5	36.6	39.4	37.2	35.7	33.7	32.9	32.3
Las Vegas, Nev.	36.9	36.7	33.6	31.3	28.9	27.9	30.2	32.1	30.4	33.6	35.4	36.6
Little Rock, Ark.	38.0	38.4	39.2	43.2	50.0	53.7	55.0	56.2	50.8	48.8	41.6	41.2
Medford, Oreg.	39.4	38.9	40.0	41.1	40.8	41.0	38.3	38.3	42.3	41.7	40.8	40.4
Miami, Fla.	46.3	44.8	46.3	44.4	47.9	50.1	53.7	53.4	53.9	53.6	49.5	46.3
Nashville, Tenn.	38.4	39.5	39.6	41.6	47.6	50.2	54.6	53.2	49.6	46.1	41.8	40.8
North Platte, Nebr.	37.3	36.9	36.1	36.6	38.7	47.7	52.7	52.8	44.3	40.2	38.6	37.4
Oakland, Calif.	45.8	45.2	45.9	48.5	54.7	52.7	63.7	62.2	57.5	49.8	47.7	45.1
Pittsburgh, Pa.	36.1	36.2	35.5	35.2	38.5	43.9	46.9	45.9	43.3	41.1	37.2	36.8
Portland, Maine	36.6	35.6	35.4	35.6	40.5	43.7	36.6	48.1	45.0	42.3	39.4	37.0
Rapid City, S. Dak.	35.4	34.7	35.2	35.6	38.3	45.0	50.0	47.2	39.6	37.8	36.6	34.4
San Antonio, Tex.	38.4	41.3	44.7	47.4	52.6	56.1	58.3	58.7	50.8	49.8	42.1	41.6
Santa Maria, Calif.	47.2	46.6	46.9	49.8	48.5	54.4	63.2	61.6	62.3	50.4	47.2	46.3
Sault Ste. Marie, Mich.	36.3	35.9	36.6	37.3	37.6	43.7	37.8	47.8	45.0	43.5	37.3	35.6
Spokane, Wash.	36.3	36.5	37.7	38.8	39.2	39.8	43.1	40.8	41.5	39.5	38.3	36.2
Tampa, Fla.	49.5	46.7	48.0	47.7	52.4	52.8	56.6	57.1	58.3	54.2	49.3	49.8
Tatoosh Is., Wash.	39.7	41.2	41.1	43.9	47.0	46.8	48.2	50.4	48.8	45.6	42.3	41.4
Toledo, Ohio	38.4	38.1	38.5	38.6	41.8	49.4	50.5	50.8	47.4	45.2	39.4	38.6
Washington, D.C.	37.1	35.0	34.7	35.6	42.2	48.2	51.3	51.6	47.2	43.8	38.0	36.8

\*Insufficient data.



TABLE 11

Station No. 14735

Elevation 86 Meters

ALBANY, NEW YORK

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1009	308.6	1008	307.4	1005	308.5	1005	311.9	1004	321.9	1004	336.3	1005	346.2	1006	346.7	1008	333.9	1009	323.1	1006	312.2	1008	309.0
1000	69	305.1	62	304.0	38	304.9	40	307.4	32	318.3	38	333.2	40	343.1	49	343.8	68	330.6	78	319.4	47	307.6	61	305.3
950	477	290.4	468	289.7	453	290.3	463	291.9	464	299.3	480	311.2	489	319.2	495	320.2	507	308.2	510	299.3	467	292.7	470	290.4
900	899	276.0	884	275.1	880	275.0	899	276.7	912	283.4	936	293.0	948	299.9	954	299.4	960	289.7	956	282.0	900	277.6	894	275.7
850	1346	260.7	1328	260.1	1332	260.0	1359	261.4	1383	266.7	1416	274.3	1434	280.4	1438	279.9	1437	270.9	1427	263.1	1357	261.6	1342	260.2
800	1819	245.2	1797	244.6	1808	244.3	1842	245.8	1878	250.2	1920	254.0	1942	258.8	1945	259.2	1938	250.8	1922	245.4	1840	245.5	1815	244.9
750	2236	230.1	2301	229.3	2315	229.4	2357	230.0	2405	232.5	2455	234.8	2483	237.8	2484	238.1	2472	231.0	2452	229.2	2356	229.0	2322	229.7
700	2854	215.1	2824	214.8	2845	214.5	2893	214.6	2950	216.2	3011	217.2	3042	218.2	3041	218.2	3026	212.9	3001	213.3	2891	213.9	2847	214.3
600	4028	185.8	3990	186.2	4020	185.9	4081	185.1	4161	184.1	4243	183.9	4284	184.7	4277	182.9	4257	181.9	4219	182.4	4081	184.3	4018	185.9
500	5382	157.9	5332	158.6	5371	158.4	5446	157.1	5551	155.0	5657	154.4	5711	153.5	5699	152.8	5670	153.0	5619	154.2	5451	156.2	5366	158.3
400	6980	130.8	6916	131.1	6959	131.4	7055	130.2	7188	128.4	7324	126.8	7392	125.9	7372	124.2	7334	126.4	7266	127.7	7066	129.5	6954	131.4
300	8938	103.2	8853	103.9	8907	103.6	9020	102.8	9182	101.4	9360	99.6	9446	99.1	9414	99.2	9369	99.6	9271	100.9	9043	102.1	8910	103.1
200	11559	72.2	11456	71.2	11519	71.3	11630	71.5	11816	71.9	12028	71.8	12134	71.3	12099	70.8	12047	71.3	11925	71.8	11679	71.5	11522	71.5
100	15941	36.5	15894	35.9	15924	35.9	16034	35.8	16178	36.2	16342	36.5	16457	36.7	16445	36.6	16370	36.7	16240	37.0	16029	36.5	15917	36.0
80	17313	29.4	17318	28.9	17342	28.9	17450	28.8	17570	28.9	17732	29.1	17854	29.1	17835	29.0	17747	29.1	17626	29.4	17400	29.1	17380	29.2
P Surface	1009	307.3	1006	305.1	1006	306.6	1007	308.5	1004	319.0	1005	333.2	1005	344.1	1007	344.6	1011	332.5	1010	322.9	1005	309.7	1008	307.6
1000	68	304.8	45	303.5	49	303.6	60	304.0	30	313.3	44	328.0	48	340.1	61	338.1	97	325.9	89	318.0	70	306.7	60	305.1
950	472	290.8	447	290.3	464	290.7	482	292.0	461	300.7	484	310.5	493	319.2	504	320.2	536	309.9	523	301.6	470	292.7	466	291.2
900	889	276.4	863	275.5	893	276.2	917	277.3	908	285.2	938	293.1	955	299.4	964	299.6	988	289.9	970	283.6	921	277.4	887	276.9
850	1332	261.2	1304	260.2	1346	260.2	1376	261.7	1378	267.7	1416	273.9	1439	277.5	1447	278.0	1466	268.5	1442	264.0	1377	260.8	1334	261.4
800	1801	245.3	1771	245.0	1824	244.9	1859	245.9	1872	250.2	1918	253.6	1946	255.1	1954	257.1	1968	248.3	1940	246.4	1860	245.0	1806	245.4
750	2305	230.0	2271	229.9	2334	229.0	2375	230.2	2398	233.2	2452	233.9	2487	232.4	2491	237.1	2506	229.5	2473	229.9	2376	229.4	2311	230.1
700	2828	215.2	2793	215.4	2865	214.2	2912	215.1	2946	216.3	3008	216.5	3047	214.7	3051	217.8	3061	212.9	3026	213.0	2912	213.4	2838	214.7
600	3995	186.2	3956	186.8	4043	184.9	4106	184.5	4157	184.5	4239	183.4	4291	184.0	4291	183.4	4295	182.4	4255	181.3	4106	183.9	4011	185.8
500	5339	158.5	5295	159.1	5398	158.1	5480	156.7	5553	155.3	5653	153.6	5723	153.3	5716	152.1	5714	148.4	5665	153.9	5480	156.6	5368	158.1
400	6297	130.6	6877	132.1	6992	131.1	7094	129.6	7201	127.8	7322	126.4	7412	123.0	7397	123.6	7390	124.0	7323	127.2	7098	128.3	6970	130.0
300	8880	103.2	8818	103.7	8945	103.0	9073	102.1	9206	100.6	9360	99.3	9475	98.1	9447	98.8	9432	99.1	9342	100.4	9079	101.8	8931	103.1
200	11503	71.2	11430	70.4	11581	70.7	11707	71.3	11863	71.1	12043	71.1	12179	70.8	12143	70.4	12111	71.3	12006	71.8	11736	71.3	11538	71.1
100	15944	35.7	15887	35.4	16071	35.6	16172	35.7	16301	35.8	16432	36.1	16562	36.2	16532	36.3	16425	36.8	16303	36.8	16112	36.4	15965	36.3
80	17341	29.1	17312	28.4	17438	28.7	17582	28.6	17714	28.5	17836	29.1	17990	28.7	17940	28.7	17838	29.1	17640	29.6	17492	29.3	17375	29.2

ALBUQUERQUE, NEW MEXICO												Elevation 1619 Meters												Station No. 23050			
		Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.			
P in mb	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N			
P Surface	837 253.6	837 251.9	834 247.3	835 247.4	834 246.5	835 249.7	839 267.9	840 274.7	839 262.2	838 254.2	839 251.4	838 252.5															
1000																											
950																											
900																											
850																											
800	368 241.7	371 240.0	347 237.2	365 237.2	360 235.4	374 240.1	415 250.8	424 255.1	413 246.5	398 241.0	391 238.5	380 240.2															
750	890 227.2	903 226.2	879 223.9	909 222.7	912 221.7	939 225.2	980 235.8	985 239.3	971 231.4	945 226.8	925 225.1	906 226.1															
700	1432 212.8	1445 212.0	1431 210.8	1472 210.0	1485 209.3	1522 211.6	1564 221.2	1567 223.9	1549 217.5	1511 212.9	1476 210.9	1453 211.8															
600	2631 183.7	2651 183.6	2641 183.6	2704 183.5	2737 183.6	2795 184.1	2844 191.8	2841 192.5	2815 187.1	2755 184.0	2697 181.6	2662 182.6															
500	4008 155.8	4029 155.5	4020 155.9	4102 155.5	4154 155.7	4237 155.3	4297 157.9	4291 157.7	4257 154.4	4176 153.2	4098 154.5	4051 155.0															
400	5626 129.2	5649 129.3	5640 129.2	5742 128.3	5811 127.1	5925 125.7	6007 125.2	6000 125.1	5953 124.5	5848 126.2	5744 127.8	5685 128.4															
300	7604 102.2	7621 102.5	7620 102.1	7739 101.4	7831 100.3	7987 98.8	8100 97.6	8091 97.9	8024 98.0	7886 99.5	7756 100.6	7678 101.4															
200	10252 71.6	10246 72.0	10247 71.6	10358 72.3	10480 71.9	10684 71.1	10831 70.8	10817 70.8	10734 70.8	10558 71.3	10418 71.7	10307 72.0															
100	14569 37.1	14577 36.8	14611 36.8	14655 36.7	14806 37.0	14974 37.9	15048 38.3	15047 37.9	14976 38.1	14821 37.9	14683 38.1	14609 37.2															
50	18825 18.5	18806 18.6	18789 18.3	18860 18.1	19008 18.1	19185 18.0	19277 18.0	19337 17.9	19259 17.9	19019 18.3	18886 18.4	18828 18.4															
P Surface	838 256.4	839 256.0	837 252.8	839 254.1	838 255.8	839 258.9	842 277.4	842 282.5	841 269.3	840 259.8	841 255.6	839 256.1															
1000																											
950																											
900																											
850																											
800	373 244.1	379 242.8	362 241.0	388 241.9	388 242.2	410 244.7	441 259.2	443 262.5	431 252.7	413 245.6	401 242.2	385 243.1															
750	893 228.6	903 227.6	888 226.6	924 227.2	932 227.6	965 227.6	999 241.3	998 243.7	982 235.2	954 230.0	930 226.9	909 227.1															
700	1429 213.4	1444 212.4	1432 212.1	1478 212.4	1495 212.4	1536 212.2	1577 223.3	1575 224.8	1554 218.5	1515 214.2	1477 211.5	1452 211.4															
600	2627 183.2	2646 182.8	2636 183.0	2702 182.2	2736 182.6	2798 183.0	2849 190.0	2844 191.1	2814 185.2	2754 182.2	2697 182.2	2659 182.3															
500	4004 155.7	4027 155.3	4017 155.2	4102 154.3	4149 153.6	4236 153.2	4300 155.9	4291 155.5	4253 153.1	4176 152.6	4098 155.1	4047 155.0															
400	5624 129.3	5648 129.2	5640 128.8	5746 127.8	5810 126.8	5928 125.0	6010 124.4	5999 124.9	5950 124.4	5849 126.1	5744 128.0	5681 128.5															
300	7608 102.2	7626 102.5	7622 102.0	7747 101.2	7832 100.3	7991 98.7	8101 97.5	8087 97.9	8016 98.1	7887 99.5	7754 100.7	7677 101.4															
200	10251 71.7	10243 71.8	10253 71.6	10380 72.4	10482 71.8	10691 71.0	10834 70.6	10814 70.7	10723 70.8	10561 71.3	10407 71.7	10310 72.0															
100	14560 36.9	14604 36.7	14632 36.7	14708 36.6	14810 36.6	14962 37.6	15048 38.2	15055 37.9	14952 38.1	14835 37.7	14706 37.6	14606 37.3															
30	22040 10.8	22004 10.8	22141 10.6	22249 10.5	22299 10.4	22495 10.4	22582 10.4	22593 10.5	22497 10.5	22268 10.8	22099 10.8	21988 10.9															

1500 G. M. T

# ATLANTA, GEORGIA

Elevation 309 METERS

Station No. 13874

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
P in mb	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N
P Surface	987 310.4	986 306.4	982 308.8	982 316.7	981 329.9	982 346.5	983 356.7	982 356.5	983 343.7	984 329.3	983 312.0	986 308.0
1000												
950	307 298.3	299 293.0	274 296.2	282 302.2	271 313.4	285 328.3	293 338.8	289 337.0	292 327.0	297 313.5	283 297.5	300 294.8
900	750 281.7	741 277.3	720 279.9	737 284.7	733 294.8	753 306.7	763 315.3	759 313.4	757 306.6	755 293.4	730 280.0	741 277.9
850	1221 264.7	1209 260.5	1191 262.2	1215 267.5	1219 275.8	1245 286.8	1256 293.1	1252 290.8	1246 285.2	1238 271.9	1204 260.9	1211 259.6
800	1718 246.9	1703 244.0	1687 244.9	1717 248.0	1727 254.5	1760 262.1	1772 269.4	1769 268.1	1759 261.3	1746 249.8	1703 243.0	1707 243.1
750	2248 230.1	2230 227.2	2216 227.8	2251 229.5	2268 234.5	2306 239.9	2319 245.2	2315 244.9	2303 238.8	2287 230.7	2238 226.1	2239 226.5
700	2798 213.7	2777 211.9	2765 213.3	2806 212.5	2827 216.4	2873 219.9	2888 224.5	2886 223.8	2870 219.3	2848 213.2	2790 211.1	2788 210.9
600	4019 182.7	3993 182.6	3983 182.2	4034 181.5	4065 182.9	4124 185.4	4144 187.4	4142 187.2	4123 183.8	4092 183.0	4020 180.1	4009 181.4
500	5421 154.5	5387 154.5	5379 154.6	5441 154.1	5485 153.4	5561 153.2	5587 154.3	5587 154.1	5564 152.0	5520 153.6	5432 152.9	5411 153.9
400	7070 127.8	7027 128.3	7021 128.0	7095 127.2	7157 125.9	7256 125.2	7291 124.9	7293 124.6	7264 125.1	7200 125.8	7094 127.2	7061 127.3
300	9078 100.8	9027 101.3	9025 101.0	9111 100.5	9194 99.7	9326 97.8	9373 97.9	9380 97.8	9339 98.3	9249 99.2	9122 99.8	9074 100.6
200	11712 72.2	11653 72.0	11664 71.9	11743 72.5	11844 72.4	12026 71.5	12090 71.1	12100 71.0	12049 71.1	11940 71.2	11784 71.8	11711 72.2
100	15984 37.7	15981 37.7	15986 37.3	16028 37.2	16099 37.2	16263 37.9	16312 37.7	16315 37.8	16276 38.0	16188 38.2	16018 37.9	15959 37.7
60	19032 22.3	19045 22.3	19089 22.5	19143 22.1	19228 22.0	19379 21.9	19465 21.9	19481 21.9	19423 22.0	19261 22.3	19084 22.2	19021 22.3
P Surface	988 310.5	987 305.5	984 309.7	984 315.3	982 328.7	984 345.2	984 354.9	984 353.2	984 340.7	985 327.0	985 309.7	987 308.1
1000												
950	316 298.3	309 292.6	286 297.5	294 302.6	283 314.7	297 329.6	304 336.5	297 336.1	302 324.5	309 312.5	294 297.1	309 294.7
900	757 281.7	749 275.3	727 279.7	747 284.3	745 294.3	765 307.5	773 314.3	767 312.3	766 305.9	764 291.7	739 279.6	751 277.6
850	1227 263.3	1217 258.8	1197 261.8	1224 265.3	1229 273.0	1255 284.5	1265 291.4	1259 288.7	1253 282.5	1246 269.7	1211 260.6	1220 259.8
800	1723 246.4	1710 242.2	1692 244.0	1725 245.9	1737 251.5	1769 260.4	1780 267.3	1775 264.7	1766 258.4	1753 248.5	1710 242.5	1716 242.6
750	2254 230.3	2238 226.9	2221 227.0	2259 227.5	2277 231.3	2314 237.7	2326 243.9	2320 241.2	2309 235.7	2294 230.0	2244 225.7	2247 226.5
700	2805 213.1	2785 210.5	2770 211.8	2814 211.9	2837 214.1	2882 218.1	2896 223.7	2892 221.0	2877 216.7	2855 211.9	2797 210.1	2796 212.4
600	4027 182.5	4000 182.0	3988 182.0	4042 182.1	4076 182.0	4133 184.6	4153 188.1	4149 186.7	4130 182.9	4099 181.9	4027 179.9	4017 181.6
500	5431 154.0	5396 155.0	5387 154.6	5451 153.9	5497 152.8	5570 153.1	5598 153.9	5594 153.4	5573 152.4	5528 153.5	5439 149.4	5420 153.9
400	7083 127.3	7038 127.9	7029 127.5	7107 126.7	7173 125.9	7267 124.7	7306 124.7	7304 124.0	7274 124.7	7211 125.5	7102 126.6	7072 127.2
300	9100 100.4	9040 101.2	9037 100.8	9127 100.4	9214 99.5	9343 97.6	9394 97.7	9393 97.0	9352 98.1	9263 99.0	9132 99.7	9088 100.4
200	11742 71.9	11673 71.7	11683 71.5	11770 72.2	11871 72.1	12052 71.2	12116 70.9	12120 70.7	12070 70.8	11956 71.0	11800 71.5	11738 72.1
100	16027 37.3	15982 37.1	16014 37.1	16087 36.9	16163 37.1	16299 37.7	16359 37.7	16363 37.7	16313 37.9	16216 37.8	16077 37.7	16033 37.6
30	23437 10.7	23464 10.7	23477 10.7	23639 10.5	23709 10.5	23916 10.4	23970 10.4	23994 10.4	23868 10.5	23683 10.6	23601 10.6	23342 10.8



BIG SPRING, TEXAS												Elevation 784 METERS												Station No. 23041			
Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.					
P in mb	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N			
P Surface	929	284.2	928	283.8	925	278.5	925	286.2	923	300.7	923	310.7	926	311.9	926	308.6	927	309.2	927	299.2	928	282.5	928	282.1			
1000																											
950																											
900	250	273.7	247	274.3	219	270.7	222	278.8	212	292.3	219	300.2	243	298.3	249	298.0	250	299.1	249	289.0	251	272.5	248	271.5			
850	718	256.9	719	257.6	697	254.0	710	262.0	707	271.2	721	281.0	747	281.5	752	280.0	747	280.6	739	270.6	729	254.7	723	254.0			
800	1213	241.3	1218	239.7	1200	238.4	1221	243.5	1226	250.3	1246	261.1	1275	265.3	1279	262.9	1269	261.6	1254	257.2	1233	239.0	1223	238.4			
750	1743	226.0	1751	223.9	1736	223.3	1764	226.5	1775	232.0	1801	238.9	1828	247.4	1831	246.6	1821	241.5	1799	231.6	1770	223.9	1757	222.8			
700	2292	211.2	2303	209.3	2291	209.0	2328	210.6	2347	213.0	2379	217.5	2408	227.2	2411	226.7	2394	220.7	2368	214.1	2326	209.5	2310	208.3			
600	3510	182.5	3522	181.1	3516	181.1	3567	181.3	3600	182.3	3647	184.4	3676	187.6	3678	186.6	3656	184.9	3618	182.0	3559	173.2	3536	181.0			
500	4905	154.6	4917	154.1	4914	154.0	4981	153.4	5028	152.7	5094	152.9	5130	153.3	5130	152.7	5101	153.9	5050	152.3	4973	149.3	4941	150.4			
400	6546	128.1	6555	127.1	6555	127.8	6638	127.3	6705	125.8	6796	124.4	6844	124.2	6843	124.2	6806	124.7	6736	125.3	6638	125.2	6593	127.3			
300	8549	101.1	8549	101.3	8559	101.0	8654	100.4	8746	99.3	8874	98.1	8940	97.6	8935	97.5	8885	98.0	8789	98.6	8664	99.8	8606	100.5			
200	11192	71.7	11191	71.4	11198	71.3	11303	72.0	11416	71.7	11592	70.9	11676	70.6	11665	70.8	11608	70.6	11483	71.1	11331	71.6	11261	72.0			
100	15494	37.5	15496	37.5	15529	37.3	15571	37.1	15687	37.3	15824	38.3	15868	38.2	15891	38.1	15800	38.6	15710	38.5	15565	38.2	15497	37.9			
80	16819	30.4	16857	30.1	16875	30.4	16918	29.9	17031	30.1	17158	30.1	17205	30.0	17229	29.8	17138	30.1	17014	30.6	16886	30.3	16830	30.3			
P Surface	930	286.4	930	288.0	927	284.4	927	292.2	926	311.3	926	321.9	929	325.4	929	322.5	929	316.5	929	304.8	930	285.8	930	286.5			
1000																											
950																											
900	259	275.2	257	276.0	236	274.6	242	282.2	235	299.5	241	310.4	267	312.6	271	309.7	266	304.4	263	292.9	262	273.8	256	274.9			
850	723	257.6	726	257.3	708	255.8	723	262.5	725	275.4	737	284.4	766	288.0	769	285.0	758	282.4	749	271.0	736	255.2	727	255.5			
800	1216	241.5	1223	240.3	1208	238.5	1232	243.3	1240	251.3	1260	255.4	1290	264.4	1292	261.8	1277	260.7	1262	249.3	1238	238.8	1226	239.7			
750	1745	226.3	1754	224.3	1742	223.2	1772	226.2	1788	230.2	1814	233.6	1842	243.2	1842	241.8	1826	238.9	1806	231.2	1772	222.9	1759	224.0			
700	2294	211.5	2306	209.0	2296	208.4	2336	210.1	2359	212.3	2393	215.6	2420	223.3	2421	221.8	2400	218.4	2374	213.5	2330	208.0	2312	208.7			
600	3511	181.9	3524	180.9	3518	181.1	3574	181.0	3612	181.7	3662	184.4	3688	186.5	3687	186.2	3661	184.1	3624	182.0	3562	180.3	3537	181.1			
500	4908	154.9	4920	153.9	4920	150.8	4988	153.5	5039	152.6	5108	153.1	5141	153.5	5138	153.1	5106	153.4	5056	152.4	4978	149.3	4943	150.2			
400	6549	128.0	6560	127.0	6566	127.6	6646	127.0	6715	125.9	6811	124.3	6856	123.9	6853	124.0	6811	124.3	6742	125.3	6643	124.8	6596	127.2			
300	8560	100.9	8557	101.2	8580	100.7	8667	100.3	8756	99.4	8892	97.4	8956	97.1	8948	97.3	8894	97.9	8799	98.5	8676	99.7	8611	100.5			
200	11214	71.6	11198	71.4	11232	71.2	11321	71.8	11425	71.7	11615	70.6	11700	70.4	11686	70.5	11621	70.4	11497	71.0	11345	71.6	11260	71.8			
100	15510	37.5	15527	37.2	15589	37.0	15635	36.9	15731	37.1	15881	37.9	15948	38.0	15925	37.9	15862	38.3	15749	38.1	15586	37.8	15510	37.5			
40	21058	14.4	21022	14.7	21107	14.5	21291	14.3	21423	14.1	21547	14.1	21618	14.0	21636	14.0	21494	14.2	21385	14.3	21182	14.4	21068	14.6			

P. M. 0000

1500 G. M. 0001

## Station No. 24011

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N		
P Surface	957	294.8	958	295.0	957	294.0	955	295.4	954	298.5	953	314.1	954	326.2	955	320.7	956	305.4	955	298.6	955	293.4	956	293.7
1000																								
950	123	292.9	64	292.3	52	291.4	45	291.7	35	292.7	25	307.8	39	320.9	46	317.1	51	301.2	41	294.8	44	290.7	48	291.7
900	395	275.9	476	275.9	475	275.7	486	274.6	487	276.6	486	288.0	508	294.9	512	291.7	507	281.6	485	277.5	471	274.7	463	275.5
850	905	259.7	918	259.9	923	260.1	949	259.7	961	262.1	969	270.4	999	276.0	1002	274.6	987	266.2	955	262.2	926	258.6	908	259.3
800	1373	244.3	1389	244.2	1396	244.1	1436	243.7	1458	247.8	1475	253.1	1513	256.4	1517	255.4	1491	249.4	1449	245.7	1405	243.2	1380	244.4
750	1876	229.8	1894	229.4	1903	229.1	1956	228.4	1986	232.2	2013	235.3	2061	236.3	2066	236.5	2029	232.5	1979	229.9	1918	228.3	1885	229.5
700	2397	215.3	2417	215.0	2428	214.5	2492	213.8	2533	215.7	2568	218.0	2625	217.2	2628	217.3	2584	126.2	2524	214.3	2448	213.8	2409	214.9
600	3554	187.4	3577	187.1	3596	186.5	3681	184.6	3742	184.2	3797	184.5	3873	183.0	3874	183.7	3813	183.8	3737	184.2	3627	185.4	3573	186.7
500	4883	160.2	4910	159.9	4936	159.2	5045	157.4	5129	155.6	5206	154.4	5300	152.8	5299	152.9	5224	154.2	5126	155.2	4980	157.9	4910	159.4
400	6445	133.5	6476	132.5	6513	132.6	6647	130.8	6758	128.8	6862	127.3	6980	125.7	6974	125.9	6881	127.1	6761	128.4	6577	131.1	6485	132.5
300	8366	105.0	8397	105.0	8442	104.9	8602	103.6	8747	101.8	8879	100.4	9024	99.5	9016	99.2	8901	100.3	8756	101.5	8525	103.6	8418	104.7
200	10961	70.6	10982	71.1	11041	71.2	11206	71.8	11374	71.4	11534	71.5	11715	70.7	11701	70.8	11586	71.0	11397	71.5	11144	71.1	11016	71.1
100	15415	35.5	15429	35.9	15442	35.7	15611	35.7	15780	35.8	15923	35.9	16072	36.3	16057	36.3	15920	36.0	15743	36.2	15545	35.8	15400	35.8
60	18688	21.4	18655	21.8	18677	21.6	18862	21.8	19009	21.7	19146	21.4	19293	21.4	19283	21.3	19131	21.5	18950	21.7	18765	21.5	18664	21.6
P Surface	957	295.8	958	295.8	956	293.2	956	295.3	955	298.4	954	313.5	956	324.8	956	321.0	957	306.0	955	299.3	956	294.0	956	294.3
1000																								
950	56	294.2	65	293.4	50	291.3	50	291.5	46	294.7	36	308.1	51	320.2	57	317.1	57	301.3	47	295.9	46	291.2	45	292.5
900	466	276.0	476	276.1	470	275.9	487	275.7	495	279.1	493	288.2	515	295.8	519	292.9	509	282.6	487	278.9	472	275.3	459	275.7
850	906	259.8	919	259.6	918	259.4	948	259.0	966	262.1	973	269.0	1004	274.3	1006	272.3	987	265.2	955	260.6	925	259.2	904	259.2
800	1373	244.4	1390	244.5	1391	244.3	1434	243.6	1461	246.5	1477	251.4	1517	253.8	1518	252.4	1489	248.5	1449	244.4	1404	243.6	1376	244.0
750	1875	229.9	1894	229.6	1900	229.1	1953	228.2	1989	230.4	2014	234.9	2064	235.0	2064	234.5	2027	231.1	1975	229.2	1917	228.3	1882	229.1
700	2396	215.4	2418	215.0	2425	214.4	2489	213.3	2535	214.4	2569	217.9	2628	217.5	2627	216.2	2581	215.1	2523	214.3	2448	213.2	2407	214.7
600	3552	187.3	3580	186.9	3594	186.0	3679	184.7	3746	184.3	3799	184.0	3876	183.3	3872	183.4	3811	183.6	3736	183.7	3628	185.0	3571	186.5
500	4878	160.4	4915	159.7	4935	158.8	5045	157.0	5135	155.4	5209	154.3	5305	153.2	5297	153.1	5220	154.2	5127	155.1	4982	157.7	4909	159.2
400	6439	133.5	6486	133.1	6513	132.4	6647	130.6	6770	128.5	6868	127.0	6985	125.7	6974	125.7	6878	127.0	6763	128.3	6577	131.0	6481	132.6
300	8361	105.0	8412	104.8	8440	104.7	8602	103.4	8760	101.7	8889	100.2	9034	99.6	9017	99.2	8901	100.2	8757	101.4	8528	103.4	8411	104.6
200	10957	70.7	11007	71.2	11045	70.6	11212	71.3	11399	71.1	11551	71.1	11724	70.6	11699	70.6	11570	70.7	11394	71.4	11149	70.9	11029	71.1
100	15380	35.5	15479	35.5	15524	35.2	15656	35.5	15839	35.6	15977	35.6	16116	36.0	16077	36.0	15966	35.9	15774	35.9	15570	35.6	15454	35.6
80	16947	28.3	16917	28.8	16965	28.3	17081	28.4	17266	28.4	17406	28.4	17496	28.6	17486	28.6	17370	28.6	17166	28.8	16965	28.7	16880	28.5

BOISE, IDAHO														Elevation 868 Meters												Station No. 24131			
		Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.					
P in mb	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N				
P Surface	920	282.7	917	284.0	914	282.1	914	280.1	912	283.7	913	286.8	912	280.9	913	283.2	914	282.6	916	285.5	919	286.6	918	285.6					
1000																													
950																													
900	170	275.5	151	276.6	128	274.6	131	271.9	115	275.2	122	276.9	120	267.9	122	269.2	135	271.7	144	276.1	172	278.1	157	278.5					
850	623	259.7	612	260.1	596	158.5	608	256.1	599	258.5	613	259.4	623	251.3	622	250.6	627	254.0	622	258.5	639	260.7	616	262.0					
800	1101	244.8	1096	245.0	1802	245.0	1107	246.6	1106	244.3	1126	244.9	1147	238.1	1146	237.5	1142	240.3	1123	244.0	1130	245.7	1099	246.0					
750	1610	229.9	1609	229.9	1598	230.4	1633	229.0	1640	230.0	1665	231.2	1701	225.0	1699	224.7	1685	226.2	1655	230.0	1653	230.0	1614	230.4					
700	2139	215.0	2143	215.2	2136	215.6	2180	214.3	2197	215.2	2229	215.8	2277	211.4	2272	211.2	2251	212.4	2206	215.0	2193	214.9	2148	214.9					
600	3310	186.3	3322	186.3	3318	186.3	3381	184.6	3416	184.2	3461	184.2	3534	182.8	3528	183.0	3490	182.9	3422	184.1	3392	184.9	3330	185.5					
500	4656	158.7	4673	158.6	4672	158.4	4755	156.7	4810	155.4	4870	154.6	4967	153.0	4957	153.6	4907	153.6	4818	155.3	4768	156.3	4688	157.8					
400	6242	131.8	6259	131.7	6262	131.4	6365	130.1	6446	128.6	6523	127.4	6647	125.5	6632	126.1	6572	126.5	6457	128.2	6388	129.3	6286	130.9					
300	8186	104.0	8203	104.2	8203	104.3	8333	103.1	8435	101.9	8537	100.7	8694	99.1	8671	99.4	8600	99.9	8457	101.3	8363	102.2	8238	103.6					
200	10790	71.7	10787	72.1	10790	71.6	10931	72.4	11062	72.1	11181	71.3	11377	70.9	11348	70.8	11267	71.0	11089	71.7	10986	72.0	10845	72.0					
100	15162	35.9	15224	35.9	15234	35.9	15302	36.0	15449	36.0	15597	36.0	15743	36.5	15730	36.4	15612	36.5	15458	36.6	15316	36.6	15218	36.6					
60	18404	21.7	18425	21.9	18369	21.7	18541	21.7	18715	21.4	18869	21.3	18997	21.4	18959	21.5	18838	21.7	18654	21.8	18528	21.8	18439	21.6					
P Surface	920	282.6	918	284.5	916	284.4	917	284.7	915	287.4	916	291.5	916	287.1	916	286.2	917	285.2	917	286.5	920	287.7	919	285.1					
1000																													
950																													
900	173	275.9	158	278.0	139	277.7	152	276.3	137	280.0	145	284.2	152	279.5	150	277.5	159	277.7	158	279.1	177	279.4	162	278.7					
850	624	259.8	615	260.7	600	260.6	621	259.0	613	261.8	627	264.3	643	261.0	640	259.7	642	260.1	630	261.3	641	261.6	618	261.9					
800	1100	244.9	1097	245.5	1085	245.6	1114	244.0	1113	246.6	1134	247.7	1160	243.2	1157	243.0	1150	244.2	1127	246.0	1129	245.6	1100	246.4					
750	1608	229.8	1609	230.6	1599	230.6	1635	229.7	1643	231.0	1668	231.4	1707	227.8	1705	228.1	1690	228.4	1656	230.4	1650	230.3	1614	230.5					
700	2137	214.9	2143	215.4	2134	215.6	2180	214.3	2196	215.0	2227	215.8	2279	212.4	2275	213.6	2251	213.6	2205	215.0	2191	214.9	2146	215.1					
600	3307	186.3	3322	186.0	3314	186.2	3377	184.2	3412	183.5	3456	183.7	3533	182.7	3525	183.2	3488	182.9	3419	183.8	3389	184.4	3328	185.8					
500	4652	158.6	4673	158.4	4669	158.2	4750	156.5	4804	155.2	4865	154.3	4964	153.3	4950	153.2	4904	153.3	4814	155.0	4763	156.3	4684	158.1					
400	6237	131.7	6261	131.6	6261	131.3	6363	129.9	6440	128.4	6517	127.4	6643	125.8	6622	125.9	6570	126.2	6454	128.0	6382	129.4	6278	131.1					
300	8182	104.0	8200	104.2	8203	104.1	8327	103.1	8431	101.8	8532	100.5	8688	99.1	8661	99.4	8599	99.9	8456	101.2	8360	102.3	8229	103.7					
200	10785	71.5	10784	72.0	10797	71.4	10925	72.1	11057	71.7	11190	71.1	11372	70.6	11339	70.6	11270	70.9	11098	71.5	10975	71.8	10828	71.9					
100	15178	35.8	15226	35.9	15249	35.6	15332	35.7	15471	35.8	15615	35.8	15751	36.4	15721	36.4	15615	36.3	15457	36.5	15310	36.4	15199	36.1					
40	21047	14.2	21042	14.1	20818	14.1	21171	14.1	21295	14.1	21517	13.8	21610	13.8	21574	13.9	21450	14.1	21224	14.3	21065	14.3	20978	14.2					

1500 Q. M. T.

3000 Q. M. T.



P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1018	327.9	1017	344.2	1013	347.7	1013	360.7	1011	377.3	1011	382.9	1013	385.8	1013	384.0	1012	379.9	1014	367.9	1016	345.7	1017	345.0
1000	148	331.3	145	336.3	112	342.3	108	355.1	89	371.4	98	376.3	111	378.0	109	376.0	104	373.5	120	361.5	135	339.8	142	339.5
950	587	312.0	587	314.3	556	317.5	557	326.9	543	340.7	555	345.8	569	346.8	568	345.1	561	343.4	572	333.9	580	315.7	586	316.3
900	1038	289.8	1039	289.6	1013	290.4	1018	295.3	1010	306.9	1023	307.6	1037	306.6	1036	307.7	1029	310.5	1037	304.2	1038	291.8	1041	290.5
850	1518	270.3	1521	268.2	1499	264.7	1507	269.9	1504	278.5	1518	277.3	1533	276.8	1531	279.3	1523	285.5	1527	278.7	1523	268.1	1524	267.4
800	2025	249.3	2028	247.8	2011	243.6	2021	247.3	2023	254.8	2038	252.8	2053	255.4	2051	255.9	2041	263.8	2042	254.0	2034	246.8	2034	246.9
750	2569	228.5	2571	229.0	2557	224.6	2569	228.1	2576	231.6	2589	231.7	2602	236.5	2601	236.5	2591	242.0	2592	232.6	2579	228.8	2578	228.9
700	3130	211.2	3133	211.7	3125	209.1	3138	210.3	3149	213.9	3164	213.5	3178	218.9	3176	218.4	3164	222.4	3161	215.3	3145	211.9	3142	213.7
600	4374	180.5	4375	182.3	4376	180.3	4393	182.4	4411	183.4	4431	181.7	4443	185.5	4441	184.2	4428	186.7	4422	182.5	4398	181.9	4389	181.7
500	5799	152.8	5797	153.3	5804	152.8	5824	153.4	5851	153.4	5883	152.5	5893	153.1	5893	152.3	5881	153.3	5870	152.3	5836	151.8	5819	152.7
400	7473	126.0	7468	126.4	7481	126.0	7504	125.9	7543	125.6	7596	124.1	7605	124.2	7606	124.2	7596	124.4	7576	124.4	7527	125.4	7503	125.9
300	9511	99.8	9506	99.9	9524	99.6	9550	99.0	9609	98.7	9687	97.5	9697	97.8	9698	96.7	9694	96.5	9661	97.1	9591	98.1	9553	98.8
200	12178	71.8	12175	71.4	12195	71.6	12224	71.8	12308	71.4	12417	70.8	12423	71.0	12430	70.7	12434	70.5	12385	70.8	12288	71.4	12230	71.9
100	16423	38.6	16427	38.5	16428	38.3	16480	38.3	16551	38.5	16608	39.0	16618	38.6	16643	38.6	16620	39.1	16571	39.2	16470	38.9	16427	38.7
50	20508	18.5	20483	18.6	20539	18.6	20594	18.3	20686	18.1	20805	18.2	20846	18.1	20878	18.0	20858	18.0	20751	18.1	20571	18.3	20558	18.5
P Surface	1019	336.2	1018	343.3	1015	346.8	1014	356.3	1012	372.2	1013	373.7	1014	376.2	1014	380.8	1013	376.5	1015	366.9	1017	343.5	1018	343.0
1000	157	328.8	153	334.9	124	339.5	120	350.0	101	366.3	112	367.9	125	368.0	122	371.6	115	369.6	129	359.9	145	335.3	151	336.7
950	594	311.7	592	316.5	567	317.3	566	327.2	555	342.4	567	345.1	580	345.1	579	346.8	571	342.2	581	335.7	589	316.7	593	317.4
900	1045	292.2	1046	292.8	1024	291.1	1029	299.9	1023	313.6	1037	317.7	1053	315.2	1050	315.2	1039	316.0	1046	308.8	1047	294.4	1048	292.9
850	1525	271.1	1527	269.2	1508	266.1	1517	273.6	1516	283.4	1530	285.9	1547	283.2	1544	285.3	1532	290.4	1536	280.8	1531	269.4	1531	268.5
800	2032	250.4	2034	248.1	2019	245.2	2031	248.4	2034	257.4	2049	255.7	2067	257.3	2062	260.0	2050	265.2	2051	255.5	2041	249.1	2041	246.9
750	2574	228.9	2576	228.9	2565	226.7	2577	228.7	2586	233.6	2600	232.9	2617	236.3	2612	237.4	2599	242.5	2599	233.3	2586	231.0	2585	228.9
700	3136	211.7	3139	211.7	3132	211.0	3148	213.5	3159	215.1	3174	213.5	3192	217.9	3187	218.3	3172	221.8	3170	214.9	3151	214.3	3149	212.4
600	4380	180.8	4382	183.4	4383	181.1	4403	181.5	4422	182.8	4441	181.4	4458	185.1	4452	184.2	4437	185.7	4431	182.6	4404	181.9	4397	181.4
500	5806	152.5	5806	153.1	5811	153.1	5835	152.9	5864	152.9	5894	152.5	5909	152.7	5906	152.5	5891	153.2	5880	152.9	5844	151.9	5829	152.6
400	7484	126.0	7481	126.1	7491	125.7	7519	125.4	7560	124.9	7608	124.0	7622	124.2	7620	123.9	7610	124.0	7590	124.4	7538	124.8	7515	125.4
300	9528	99.2	9523	99.3	9539	99.3	9572	98.7	9631	97.7	9705	96.6	9718	97.5	9718	97.1	9713	96.2	9679	96.9	9608	98.4	9571	98.6
200	12203	71.6	12203	71.0	12225	71.2	12256	71.4	12341	70.9	12443	70.5	12454	70.6	12459	70.4	12464	70.2	12412	70.6	12313	71.1	12254	71.7
100	16471	38.2	16431	38.2	16494	38.1	16516	37.9	16599	38.0	16670	38.5	16674	38.1	16689	38.2	16676	38.8	16623	38.7	16540	38.5	16492	38.2
30	23773	10.6	23757	10.6	23909	10.4	23936	10.6	24023	10.4	24162	10.4	24129	10.5	24231	10.4	24179	10.4	24064	10.4	23907	10.5	23823	10.6

0300 G. M. T.

P Surface

1500 G. M. T.

Station No. 14733

Elevation 182 Meters

BUFFALO, NEW YORK

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	992	304.3	991	303.6	989	304.6	989	307.3	988	314.6	989	330.9	990	339.8	991	338.8	993	328.0	993	318.7	989	306.9	991	303.9
1000																								
950	380	291.2	378	290.8	363	291.4	374	292.6	374	298.9	385	309.7	398	316.8	404	316.1	414	309.0	414	300.5	368	293.6	380	290.6
900	803	276.1	796	275.9	789	275.6	810	276.8	821	282.1	841	290.8	858	297.4	865	296.2	866	289.6	862	281.3	802	278.3	804	275.6
850	1251	261.0	1241	260.3	1242	260.1	1271	261.3	1293	265.6	1323	272.4	1343	277.8	1349	276.6	1344	270.3	1335	262.8	1260	262.2	1252	260.3
800	1724	245.2	1713	245.0	1718	244.6	1755	246.0	1789	248.8	1828	252.2	1852	256.2	1856	256.4	1846	250.1	1832	244.8	1741	245.7	1725	244.7
750	2233	229.3	2217	229.5	2228	229.4	2272	230.1	2319	231.9	2366	234.0	2393	235.9	2396	235.5	2381	231.2	2362	227.9	2256	229.4	2232	229.1
700	2778	214.4	2740	215.0	2756	214.4	2807	214.4	2865	214.5	2922	215.7	2954	217.1	2955	216.3	2936	214.0	2913	212.4	2789	214.0	2757	214.0
600	3931	185.8	3905	186.2	3931	185.7	3998	184.8	4078	183.3	4155	183.1	4196	184.1	4193	182.3	4166	182.1	4135	182.0	3980	184.4	3926	185.6
500	5284	158.0	5250	158.6	5281	158.1	5368	156.9	5472	154.8	5571	154.2	5623	153.5	5616	152.7	5581	153.0	5535	153.9	5349	156.7	5272	158.2
400	6880	130.9	6835	131.7	6871	131.2	6977	130.4	7111	128.2	7239	126.6	7307	125.4	7295	125.9	7244	126.4	7184	127.3	6963	129.8	6862	131.3
300	8827	103.3	8779	103.8	8819	103.4	8953	102.9	9109	101.3	9276	99.4	9361	98.9	9341	99.0	9279	99.7	9193	100.7	8940	102.2	8822	103.1
200	11436	71.3	11372	71.0	11444	71.0	11571	71.5	11758	71.8	11956	71.5	12061	70.8	12032	70.7	11950	71.3	11847	71.4	11574	71.4	11443	71.3
100	15784	36.7	15842	35.8	15851	35.5	15960	35.6	16135	36.0	16308	36.5	16408	36.4	16380	36.6	16316	36.8	16229	37.2	15862	36.1	15899	36.3
80	ND	ND	17283	28.9	17280	28.6	17352	28.4	17531	28.7	17690	28.9	17802	28.8	17778	28.9	17735	29.1	17581	29.3	17276	28.8	17354	29.1
P Surface	993	304.3	992	303.1	990	303.2	990	305.0	989	313.7	990	327.1	991	346.6	991	338.8	993	325.4	994	316.9	989	306.7	992	303.9
1000																								
950	386	291.5	379	290.7	366	290.7	377	292.3	379	299.2	392	310.7	405	318.3	412	318.0	421	307.3	421	300.1	371	293.4	385	290.8
900	807	276.5	799	276.0	793	275.7	813	277.1	826	282.7	849	291.2	865	297.6	872	297.4	873	289.2	868	283.0	802	278.3	808	276.0
850	1254	260.9	1243	260.4	1245	259.9	1273	260.3	1297	265.1	1329	271.8	1349	276.3	1356	276.2	1350	269.8	1340	263.9	1259	261.5	1256	260.6
800	1727	245.1	1713	244.7	1722	244.4	1757	244.4	1793	247.5	1834	251.7	1857	254.0	1862	255.2	1851	248.9	1837	245.3	1740	245.7	1729	244.7
750	2234	229.9	2218	229.3	2231	228.7	2274	227.0	2321	230.3	2370	232.1	2398	233.5	2400	233.8	2386	230.6	2370	228.3	2257	230.1	2236	229.1
700	2761	214.6	2740	214.7	2761	213.7	2811	213.2	2869	213.6	2928	214.8	2960	215.3	2960	215.6	2939	213.3	2918	212.5	2789	214.6	2762	213.9
600	3936	185.7	3908	186.3	ND	ND	4003	184.3	4086	183.0	4164	182.2	4203	182.1	4201	182.3	4168	182.3	4140	182.4	3976	184.7	3932	185.4
500	5288	157.9	5252	158.5	5291	157.7	5376	156.3	5483	154.4	5585	153.1	5633	152.6	5626	152.5	5581	152.6	5544	153.8	5345	156.7	5281	158.0
400	6885	130.6	6837	131.3	6885	130.8	6994	129.5	7130	127.4	7261	126.0	7320	125.0	7305	125.8	7248	126.2	7195	127.0	6958	129.7	6876	131.2
300	8840	102.7	8784	103.4	8838	103.0	8970	102.2	9142	100.7	9302	99.1	9383	98.2	9357	98.7	9286	99.5	9208	100.5	8934	101.8	8851	102.8
200	11468	71.2	11415	70.7	11468	70.3	11600	70.8	11796	71.2	11986	70.9	12091	70.4	12060	70.4	12000	71.0	11873	71.2	11581	70.7	11465	71.0
100	15855	36.0	15844	35.3	15955	35.4	16058	35.3	16211	35.6	16369	36.1	16479	36.1	16443	36.3	16346	36.7	16228	36.8	15905	35.9	15859	35.9
80	17240	28.9	17281	28.3	17395	28.3	17480	28.3	17623	28.5	17786	28.7	17885	28.6	17852	28.7	17741	29.1	17606	29.2	17311	28.7	17283	28.7

0300 G.M.T.

1500 G.M.T.

# Station No. 14607

## Elevation 191 Meters

### CARIBOU, MAINE

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	
P Surface	993 304.9	992 304.4	990 302.8	991 306.1	991 309.9	991 322.9	991 335.4	992 333.2	994 322.4	996 313.4	992 306.9	992 304.1												
1000																								
950	340 291.6	329 291.1	326 288.9	339 290.8	348 293.4	353 302.7	362 314.2	374 310.6	384 302.5	387 295.0	344 293.2	337 291.2												
900	751 276.5	739 276.4	747 274.6	770 276.1	791 278.2	806 285.3	820 293.7	831 292.5	832 284.6	828 278.4	772 276.8	753 276.0												
850	1188 261.3	1176 261.3	1191 259.7	1223 261.3	1257 263.7	1282 268.6	1302 275.2	1310 275.0	1305 266.2	1293 261.7	1224 260.9	1195 260.5												
800	1650 246.0	1637 246.3	1660 244.4	1699 245.9	1746 247.8	1780 252.5	1808 256.5	1814 256.7	1801 247.1	1783 245.4	1702 244.8	1662 245.4												
750	2147 230.9	2134 231.3	2160 229.9	2207 230.4	2267 231.1	2309 235.2	2343 236.6	2348 237.1	2330 229.9	2306 229.4	2213 229.9	2161 230.2												
700	2663 216.1	2649 216.7	2682 215.5	2735 215.1	2807 214.9	2859 217.2	2898 218.0	2903 218.1	2880 213.4	2849 213.6	2743 214.7	2680 215.4												
600	3813 187.7	3797 188.2	3840 186.9	3905 186.2	4006 184.2	4076 184.0	4130 183.7	4134 184.1	4100 183.3	4056 183.0	3924 185.5	3837 187.3												
500	5141 160.1	5121 160.7	5173 159.6	5252 158.4	5386 156.0	5477 154.5	5545 153.7	5548 153.6	5502 154.3	5443 155.0	5285 157.4	5164 160.0												
400	6711 132.8	6685 133.0	6747 132.5	6839 131.6	7009 129.1	7126 127.5	7213 126.5	7213 126.5	7152 127.2	7075 128.2	6888 130.3	6728 133.0												
300	8640 104.1	8609 104.1	8676 104.1	8788 103.3	8993 101.9	9139 100.4	9251 99.4	9242 99.7	9170 100.3	9070 101.3	8852 102.4	8660 103.8												
200	11235 70.5	11235 70.2	11299 70.6	11430 70.4	11632 71.2	11804 70.9	11933 70.8	11919 70.5	11848 70.9	11726 71.4	11474 70.9	11285 70.6												
100	15788 35.7	15766 35.4	15818 35.5	15916 35.3	16059 35.6	16201 35.6	16352 35.9	16341 35.7	16257 35.9	16120 36.4	15887 35.8	15786 35.7												
80	17208 28.6	17232 28.3	17247 28.6	17340 28.4	17535 28.4	17654 28.3	17741 28.5	17777 28.4	17650 28.5	17544 29.1	17325 28.8	17175 28.6												
P Surface	994 304.8	992 303.6	991 301.8	992 304.9	991 307.9	991 321.5	991 332.4	993 330.8	995 321.4	996 311.8	993 306.5	992 303.6												
1000																								
950	345 291.8	331 291.4	331 289.1	344 290.7	351 293.4	360 303.3	367 314.1	380 311.4	390 302.8	392 294.9	352 292.7	341 291.1												
900	756 276.2	741 276.2	753 274.6	775 276.1	795 278.2	812 286.7	824 294.6	838 292.4	838 284.9	833 278.7	779 277.0	757 276.1												
850	1193 261.0	1178 261.0	1197 259.9	1227 260.8	1260 262.2	1287 269.1	1305 274.4	1316 273.0	1310 265.7	1297 261.3	1231 260.6	1198 260.2												
800	1657 245.8	1640 245.7	1666 244.4	1704 245.1	1749 246.2	1785 251.2	1808 254.4	1819 253.5	1806 247.4	1787 243.7	1708 244.7	1666 245.0												
750	2153 230.8	2136 230.6	2169 229.6	2212 229.7	2270 229.8	2316 233.1	2345 234.9	2354 233.4	2335 229.3	2310 227.8	2219 229.2	2166 230.1												
700	2671 216.1	2652 216.2	2691 215.1	2741 214.6	2811 213.7	2866 216.1	2901 216.7	2909 215.1	2886 212.8	2854 212.2	2750 214.1	2686 215.4												
600	3823 187.7	3801 188.0	3855 186.2	3917 185.6	4014 183.7	4088 183.1	4135 183.1	4141 182.1	4109 182.7	4062 182.6	3932 185.0	3842 187.2												
500	5153 159.9	5126 160.4	5195 159.1	5270 157.8	5398 155.6	5493 154.2	5554 153.3	5558 153.2	5516 154.2	5452 154.7	5292 157.2	5172 160.0												
400	6719 132.6	6693 132.8	6774 132.1	6864 131.0	7028 128.6	7149 127.0	7227 126.0	7226 126.2	7173 126.8	7089 128.0	6898 130.2	6743 132.7												
300	8652 103.9	8624 103.9	8709 103.8	8811 103.1	9014 101.6	9170 100.1	9273 99.1	9262 99.4	9202 99.9	9086 101.2	8866 102.2	8685 103.5												
200	11275 70.5	11250 70.3	11334 70.3	11460 69.9	11661 70.8	11840 70.6	11965 70.5	11951 70.2	11881 70.7	11742 71.2	11500 70.7	11315 70.4												
100	15708 35.3	15744 35.1	15834 35.2	15976 35.1	16120 35.4	16273 35.4	16405 35.6	16400 35.5	16307 35.7	16130 35.9	15918 35.7	15766 35.5												
40	21626 14.2	21682 14.2	21804 14.1	21922 13.9	22081 13.9	22259 13.7	22370 13.7	22315 13.9	22157 13.9	21890 14.3	21700 14.4	21661 14.2												



CHARLESTON, SOUTH CAROLINA

Elevation 13 Meters

Station No. 13880

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1021	326.3	1020	323.1	1017	327.9	1016	338.9	1014	354.7	1015	371.7	1016	380.5	1015	379.9	1016	368.6	1017	350.4	1017	332.4	1019	323.9
1000	175	320.1	163	314.8	138	320.2	139	330.4	122	347.3	129	363.0	139	374.0	131	371.4	135	360.3	144	341.8	141	324.2	162	316.7
950	609	301.0	595	295.5	573	300.2	580	304.7	568	316.8	582	330.8	592	340.1	585	339.3	585	331.3	568	316.8	579	303.2	596	297.5
900	1055	282.4	1039	278.2	1021	281.6	1034	285.7	1030	295.5	1048	306.3	1060	312.9	1053	312.9	1049	307.6	1047	295.6	1028	282.9	1041	280.3
850	1528	264.3	1509	260.3	1494	263.3	1514	265.9	1515	275.5	1538	284.2	1552	289.6	1545	287.8	1538	283.9	1530	272.5	1505	263.7	1514	261.4
800	2027	245.8	2005	242.0	1992	245.1	2017	246.8	2023	254.4	2051	262.2	2069	266.9	2062	264.7	2052	260.5	2038	251.9	2007	244.7	2012	243.0
750	2559	227.0	2536	226.0	2525	227.3	2552	228.0	2564	234.9	2597	239.9	2617	244.7	2608	242.9	2597	239.5	2580	232.5	2543	226.4	2545	226.5
700	3112	211.0	3084	210.9	3074	210.6	3108	211.5	3124	216.4	3163	219.9	3186	225.2	3178	223.8	3165	219.9	3143	213.4	3099	210.9	3096	209.7
600	4336	181.7	4303	181.5	4297	180.8	4337	181.9	4361	182.7	4412	184.7	4442	188.7	4435	188.1	4420	184.8	4389	182.3	4333	182.1	4321	181.3
500	5743	153.8	5702	154.9	5699	154.1	5748	153.4	5784	153.3	5847	153.4	5886	155.3	5880	154.0	5864	153.1	5821	152.4	5751	153.0	5727	153.5
400	7397	127.5	7348	127.9	7348	127.6	7407	127.0	7457	126.2	7541	125.3	7591	125.5	7586	124.7	7567	124.7	7508	125.1	7420	127.0	7380	127.1
300	9417	100.4	9356	101.0	9360	100.6	9427	100.3	9494	99.6	9610	98.7	9675	98.1	9673	97.8	9649	98.0	9563	98.4	9458	99.4	9398	100.4
200	12061	72.3	11995	71.9	12013	71.7	12069	72.5	12154	72.5	12304	71.6	12391	71.2	12394	71.0	12362	71.2	12256	71.2	12128	71.8	12048	72.3
100	16309	38.0	16312	37.6	16336	37.3	16345	37.3	16414	37.3	16542	37.6	16624	37.9	16631	37.8	16566	38.2	16494	38.2	16350	38.1	16297	37.8
60	19362	22.4	19306	22.3	19361	22.4	19466	22.2	19539	22.0	19659	21.9	19763	21.9	19790	21.9	19670	21.9	19619	22.1	19407	22.3	19352	22.1
P Surface	1022	326.1	1021	320.0	1018	323.9	1018	331.6	1015	346.9	1016	364.4	1017	375.3	1016	373.5	1017	363.9	1018	347.4	1018	326.5	1021	322.5
1000	185	316.9	171	311.7	148	316.1	151	324.0	131	339.3	138	355.0	147	363.4	139	362.9	144	353.6	152	337.1	151	318.3	173	313.8
950	620	300.7	603	294.6	583	299.8	590	305.3	578	319.5	590	332.7	600	339.2	592	338.5	592	331.0	594	316.7	589	299.7	606	297.8
900	1064	283.0	1045	276.9	1029	281.5	1045	284.8	1038	295.5	1057	306.8	1069	313.6	1061	312.6	1057	307.9	1053	295.6	1037	280.9	1050	279.9
850	1538	264.8	1516	259.8	1501	263.2	1524	263.9	1523	274.4	1547	284.2	1561	289.4	1553	287.9	1546	283.6	1537	273.9	1513	262.4	1523	261.4
800	2037	246.8	2012	242.1	1999	244.7	2027	245.4	2031	253.3	2061	261.7	2076	267.3	2069	265.1	2059	261.0	2045	250.8	2015	242.7	2022	242.6
750	2571	228.0	2543	226.8	2532	227.8	2562	227.7	2573	233.4	2606	238.5	2624	244.7	2615	242.3	2605	239.5	2586	231.5	2551	226.5	2554	226.3
700	3123	212.1	3091	210.9	3083	211.6	3118	211.6	3132	214.6	3173	218.9	3192	223.9	3185	222.9	3172	220.0	3149	213.9	3107	210.6	3106	210.6
600	4351	181.0	4313	181.3	4307	182.7	4348	181.7	4372	182.3	4424	184.3	4450	187.9	4443	186.7	4429	184.0	4397	181.7	4343	180.7	4331	181.9
500	5764	152.6	5716	153.8	5712	154.3	5759	153.7	5795	152.9	5863	153.4	5896	154.3	5890	153.8	5874	152.5	5830	152.7	5762	152.0	5739	153.9
400	7425	125.3	7366	127.5	7367	127.1	7419	126.7	7471	125.9	7560	125.0	7604	124.7	7602	124.2	7581	124.4	7520	125.1	7434	127.1	7397	127.1
300	9446	100.2	9381	100.7	9387	100.3	9445	100.1	9518	99.2	9634	98.3	9691	97.8	9692	97.7	9666	97.8	9580	98.3	9477	99.2	9421	100.1
200	12098	71.8	12018	71.6	12051	71.3	12096	72.0	12186	72.0	12341	71.2	12413	71.0	12422	70.7	12387	70.9	12275	71.1	12155	71.5	12073	72.0
100	16378	37.5	16337	37.2	16389	37.1	16413	37.0	16484	37.0	16587	37.5	16661	37.7	16674	37.6	16635	38.0	16524	37.8	16417	37.9	16357	37.6
30	23712	10.7	23699	10.7	23806	10.5	23888	10.6	24026	10.4	24230	10.3	24216	10.4	24294	10.4	24138	10.5	23966	10.6	23843	10.6	23751	10.6

1500 G.M.F.

P Surface

0300 G.M.F.

DODGE CITY, KANSAS												Elevation 792 Meters												Station No. 13985											
		Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.											
P in mb	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N											
P Surface	926 282.7	926 283.4	923 284.2	923 287.5	922 302.6	922 315.5	925 323.1	925 321.3	926 305.8	925 294.5	925 285.5	925 283.5																							
1000																																			
950																																			
900	221 272.9	224 274.2	198 275.7	210 277.8	205 291.2	206 304.5	236 310.6	241 307.6	241 295.3	228 283.1	225 275.2	218 272.9																							
850	679 256.3	686 257.7	663 259.4	688 261.0	690 271.2	701 282.8	736 287.9	741 284.3	733 275.3	712 265.0	694 257.5	682 254.7																							
800	1164 240.8	1175 241.5	1154 242.6	1191 243.7	1199 251.5	1222 262.2	1261 265.0	1265 263.2	1250 255.8	1222 245.6	1189 241.6	1174 239.0																							
750	1683 226.1	1695 226.4	1677 226.9	1724 227.8	1740 232.4	1774 240.0	1815 243.6	1818 243.7	1799 233.9	1764 228.5	1717 225.9	1697 224.5																							
700	2224 211.4	2237 211.4	2222 211.4	2280 212.0	2303 215.1	2347 220.4	2395 223.5	2397 223.5	2371 215.3	2328 212.0	2265 211.1	2242 209.7																							
600	3420 183.5	3436 183.3	3423 183.2	3501 182.4	3541 183.6	3607 184.5	3664 186.4	3663 186.5	3629 182.2	3569 181.0	3479 182.2	3445 182.1																							
500	4792 156.2	4808 156.4	4795 156.6	4897 154.6	4954 154.3	5044 153.1	5113 153.4	5111 153.2	5067 151.5	4988 148.9	4868 154.9	4825 155.4																							
400	6406 129.8	6418 130.0	6403 130.2	6533 128.3	6611 127.1	6732 125.3	6819 124.4	6816 124.6	6757 123.1	6654 124.8	6501 128.3	6447 129.2																							
300	8378 102.7	8379 103.1	8366 102.9	8524 101.8	8628 100.4	8788 99.1	8904 97.8	8900 97.2	8815 98.4	8684 99.8	8497 101.3	8428 102.0																							
200	11010 71.7	10982 72.0	10988 71.6	11142 72.5	11268 72.3	11479 71.4	11624 70.9	11617 71.0	11510 71.1	11355 71.4	11136 71.7	11053 71.9																							
100	15326 37.0	15363 36.8	15392 36.5	15478 36.6	15591 36.7	15759 37.5	15861 37.9	15837 37.6	15759 37.6	15637 37.7	15446 37.2	15376 36.7																							
50	19613 18.3	19670 18.4	19608 18.2	19790 18.0	19950 18.0	20051 17.9	20139 17.9	20186 17.9	20044 17.9	19906 18.1	19727 18.2	19669 18.3																							
P Surface	926 282.8	927 285.3	924 284.2	925 287.8	924 302.3	924 314.9	926 326.4	927 324.1	926 308.2	926 295.7	926 286.0	925 283.9																							
1000																																			
950																																			
900	224 272.9	233 275.5	206 275.7	219 277.9	219 290.8	223 302.9	250 310.3	254 307.4	251 295.0	238 283.6	230 275.1	219 273.7																							
850	680 256.6	691 258.3	666 259.0	691 260.6	700 270.1	714 279.9	747 286.4	750 281.6	739 274.4	718 262.7	697 256.4	682 255.0																							
800	1165 241.1	1178 242.1	1154 242.8	1189 244.1	1208 249.3	1232 256.1	1270 260.7	1272 259.9	1255 252.4	1228 244.1	1191 240.4	1172 239.0																							
750	1683 226.3	1697 226.6	1675 227.0	1720 228.5	1748 232.1	1783 236.3	1822 240.7	1825 240.6	1803 232.9	1767 227.8	1718 225.6	1695 224.5																							
700	2224 211.9	2240 212.1	2218 211.9	2273 213.4	2310 215.4	2356 218.2	2401 221.9	2402 222.5	2374 215.1	2332 211.8	2268 211.1	2241 210.2																							
600	3421 183.7	3438 183.5	3416 183.2	3492 183.2	3547 183.8	3617 185.2	3669 186.4	3667 187.1	3630 182.5	3571 181.2	3482 182.0	3445 182.0																							
500	4794 156.0	4812 156.3	4787 156.1	4885 154.7	4960 154.0	5054 153.6	5119 153.6	5114 153.8	5068 152.0	4991 153.1	4876 154.3	4827 155.2																							
400	6408 129.6	6425 129.7	6398 129.7	6519 128.7	6618 126.7	6743 125.2	6828 124.3	6822 123.7	6759 122.9	6659 126.0	6512 128.0	6450 128.9																							
300	8379 102.5	8394 102.8	8366 102.8	8510 101.8	8637 100.4	8802 98.4	8916 97.5	8907 97.2	8820 98.4	8690 99.7	8508 101.2	8435 102.0																							
200	11005 71.5	10999 71.7	10988 71.3	11128 72.2	11280 72.0	11497 71.2	11644 70.6	11627 70.7	11515 70.9	11360 71.2	11151 71.4	11062 72.0																							
100	15370 36.5	15388 36.4	15393 36.2	15518 36.2	15626 36.4	15797 37.2	15900 37.6	15889 37.5	15796 37.4	15637 37.2	15481 36.8	15414 36.5																							
50	19683 18.0	19692 18.2	19686 18.0	19802 18.0	19961 17.8	20077 17.8	20155 17.8	20178 17.8	20076 17.9	19918 18.0	19745 18.2	19744 18.0																							

EL PASO, TEXAS				Elevation 1195 METERS												Station No. 23044									
		Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
P in mb	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.
P Surface	883	268.5	882	262.6	879	257.3	879	255.0	878	254.9	878	263.5	881	288.2	881	286.8	881	283.1	881	271.8	883	264.0	883	267.0	
1000																									
950																									
900																									
850	310	257.1	305	251.0	285	248.6	291	247.0	279	248.2	287	255.0	315	272.2	321	271.7	318	267.4	314	260.0	320	252.3	315	254.7	
800	804	239.1	807	237.5	791	235.9	807	233.9	803	233.9	820	240.2	847	255.6	852	257.1	845	252.3	833	245.2	825	238.1	815	240.3	
750	1333	226.9	1340	223.5	1328	222.5	1351	220.6	1355	220.3	1382	227.9	1409	240.8	1412	241.7	1403	237.1	1381	231.3	1363	223.4	1350	224.4	
700	1879	211.5	1892	210.0	1883	209.4	1917	208.1	1928	207.8	1964	213.6	1992	225.5	1995	226.5	1980	221.2	1951	215.5	1920	208.3	1902	210.0	
600	3091	182.6	3109	181.9	3104	181.4	3154	181.2	3181	181.6	3235	185.8	3266	191.9	3267	191.5	3244	186.9	3202	183.4	3152	180.8	3125	181.1	
500	4480	155.1	4500	152.0	4497	154.6	4562	153.5	4604	153.1	4679	154.7	4719	156.3	4716	156.1	4690	154.3	4633	152.1	4566	149.4	4527	153.9	
400	6112	127.4	6132	127.5	6132	128.5	6213	127.5	6271	126.1	6374	122.6	6430	124.4	6426	124.4	6392	124.9	6314	123.7	6227	125.4	6180	127.6	
300	8106	101.5	8124	101.8	8129	101.3	8222	100.9	8301	99.9	8438	98.1	8524	97.5	8517	96.9	8470	97.4	8362	98.8	8250	100.1	8191	100.8	
200	10744	71.9	10748	71.7	10753	71.8	10855	72.4	10955	72.2	11135	71.4	11254	71.0	11241	71.0	11187	70.9	11050	71.4	10907	72.0	10837	72.2	
100	15054	37.4	15082	37.5	15073	37.3	15151	37.6	15240	37.5	15384	38.4	15422	38.7	MD	MD	15396	38.6	15274	38.5	15165	38.5	15120	38.3	
50	19244	18.4	19276	18.6	MD	MD	19358	18.2	19478	18.1	19634	17.9	19712	18.1	19742	18.1	19657	18.0	19487	18.2	19349	18.4	19294	18.5	
P Surface	884	271.2	884	268.7	882	263.0	883	263.9	881	264.1	882	276.5	884	297.4	884	297.6	884	290.0	884	276.4	885	267.1	884	269.9	
1000																									
950																									
900																									
850	319	260.0	317	255.6	301	251.8	314	253.6	307	255.2	318	265.8	341	281.7	345	280.4	339	274.8	332	264.8	333	256.1	324	257.2	
800	810	244.0	814	240.2	801	238.3	823	239.2	823	240.2	843	246.2	867	262.1	869	261.4	859	256.9	847	248.5	834	240.5	821	241.9	
750	1336	228.0	1344	225.0	1334	224.3	1362	223.3	1371	224.0	1400	229.2	1423	242.7	1426	242.5	1413	239.2	1392	232.8	1369	225.0	1350	226.2	
700	1881	211.8	1894	209.7	1885	210.0	1922	209.1	1937	208.8	1977	213.8	2003	225.7	2003	225.5	1986	221.2	1957	215.2	1924	209.1	1903	210.0	
600	3092	182.3	3109	181.1	3104	185.8	3155	180.4	3185	180.5	3245	184.7	3274	191.2	3271	190.1	3248	186.4	3205	181.9	3156	177.0	3126	181.2	
500	4481	154.7	4504	153.9	4503	154.3	4565	150.1	4609	148.5	4688	153.2	4725	155.1	4721	154.5	4691	153.6	4635	147.6	4570	149.3	4529	153.9	
400	6115	127.3	6139	128.1	6145	126.8	6219	127.2	6279	124.6	6386	124.4	6438	124.2	6430	124.3	6394	122.0	6319	123.6	6234	125.1	6179	126.1	
300	8114	101.3	8134	101.7	8145	101.2	8232	100.7	8312	99.8	8457	98.0	8531	97.4	8520	96.9	8472	97.4	8370	98.8	8259	100.0	8189	100.7	
200	10760	71.6	10770	71.7	10771	71.8	10868	72.3	10970	72.0	11159	71.1	11262	70.8	11248	70.8	11195	70.7	11062	71.3	10926	71.9	10830	72.1	
100	10568	37.2	15103	37.3	15102	37.2	15177	37.0	15262	37.2	15389	37.9	15480	38.3	15464	38.2	15422	38.5	15297	38.3	15177	38.1	15103	37.7	
30	22443	10.8	22505	10.7	22646	10.5	22766	10.4	22903	10.3	22929	10.4	23048	10.4	22999	10.5	22921	10.5	22700	10.7	22619	10.6	22451	10.7	

1500 G. M. T.



Station No. 23154

Elevation 1908 Meters

ELY, NEVADA

	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N		Hgt. N	
P Surface	809	248.7	808	249.1	806	248.1	807	247.6	807	248.8	808	245.2	810	248.5	810	247.2	809	243.9	809	248.0	811	250.4	809	250.1
1000																								
950																								
900																								
850																								
800	82	244.6	77	245.1	58	244.5	72	243.4	67	244.4	80	240.9	108	247.0	108	240.3	102	239.2	92	243.6	107	245.9	83	246.7
750	598	228.1	596	228.6	581	228.8	608	227.6	608	228.0	630	225.4	670	228.6	668	224.0	655	223.7	630	227.6	633	228.8	603	229.5
700	1132	213.2	1135	214.3	1123	214.6	1162	214.1	1172	214.0	1205	212.2	1255	212.7	1251	210.0	1231	210.4	1190	214.0	1180	213.6	1142	214.0
600	2318	184.9	2325	184.8	2316	185.1	2378	184.9	2404	185.8	2458	184.9	2530	185.1	2522	185.0	2489	183.9	2420	183.6	2390	183.7	2337	184.5
500	3681	157.0	3688	157.2	3682	156.9	3764	155.9	3804	155.6	3879	154.9	3977	155.1	3962	155.0	3919	153.7	3828	154.1	3779	155.3	3710	156.4
400	5284	129.7	5289	130.5	5286	130.5	5388	129.1	5445	128.1	5545	126.4	5671	125.2	5649	125.1	5599	125.9	5484	127.2	5413	128.4	5323	129.8
300	7243	103.2	7242	103.6	7242	103.3	7365	102.5	7442	101.4	7579	99.6	7740	97.9	7710	98.2	7646	99.0	7500	100.4	7413	101.4	7295	102.5
200	9839	72.0	9838	72.1	9837	71.9	9966	72.7	10074	71.9	10247	71.4	10452	70.7	10411	70.7	10334	71.0	10156	71.6	10047	72.0	9901	72.1
100	14145	36.2	14201	36.6	14248	36.4	14311	36.4	14447	36.4	14591	36.7	14730	37.3	14714	37.3	14626	37.2	14447	37.2	14368	37.4	14244	36.8
60	17371	21.9	17394	21.9	17382	21.9	17507	21.8	17735	21.6	17780	21.6	17925	21.5	17906	21.6	17797	21.8	17578	22.0	17494	22.1	17440	22.0
P Surface	809	249.8	809	250.1	807	249.0	809	250.2	808	251.8	810	250.8	813	253.5	812	251.8	812	248.9	810	251.3	811	250.9	809	249.8
1000																								
950																								
900																								
850																								
800	85	245.8	82	246.6	65	245.7	88	245.4	81	247.7	101	246.1	132	246.7	131	245.9	122	244.4	104	247.4	111	247.0	86	246.7
750	597	228.5	597	229.1	582	229.3	617	228.8	618	230.1	645	229.3	687	228.9	685	228.3	667	227.2	638	229.4	635	229.1	603	229.4
700	1129	213.4	1134	214.1	1121	214.1	1166	213.3	1175	215.0	1211	214.5	1264	213.7	1260	213.0	1236	212.1	1191	213.8	1180	213.3	1141	213.5
600	2314	184.8	2323	184.7	2312	184.6	2377	183.3	2400	183.9	2454	183.5	2532	184.6	2522	183.6	2487	182.3	2417	182.3	2390	183.1	2336	183.9
500	3675	157.3	3688	157.2	3679	156.9	3764	155.1	3801	154.6	3876	153.3	3975	153.2	3959	152.8	3915	152.8	3824	153.7	3781	155.0	3709	156.3
400	5276	130.6	5292	130.4	5286	130.3	5390	129.0	5444	127.8	5548	126.3	5671	124.5	5646	124.8	5596	125.7	5476	127.2	5416	128.3	5321	129.8
300	7232	103.3	7248	103.5	7244	103.3	7368	102.4	7446	101.3	7585	99.5	7740	97.8	7707	98.3	7642	99.0	7493	100.4	7409	101.5	7288	102.7
200	9829	71.7	9841	71.9	9845	71.8	9973	72.3	10084	71.7	10261	71.2	10456	70.5	10410	70.6	10331	71.0	10147	71.5	10045	71.8	9896	72.1
100	14144	36.5	14249	36.4	14239	36.1	14345	36.0	14468	36.1	14623	36.5	14762	37.2	14728	37.0	14634	37.1	14468	37.0	14361	37.1	14255	36.6
30	21713	10.8	21729	10.8	21779	10.6	21928	10.5	22092	10.5	22303	10.3	22386	10.4	22359	10.4	22237	10.5	22011	10.6	21842	10.8	21750	10.8

GLASGOW, MONTANA														Elevation 648 Meters										Station No. 24034					
P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.						
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N					
P Surface	940	288.6	941	289.0	939	287.7	938	285.7	937	287.5	937	300.7	938	303.8	938	301.7	940	294.2	938	290.4	939	287.9	939	286.5					
1000																													
950																													
900	332	275.1	339	275.1	335	274.8	341	271.4	341	273.4	345	282.7	356	284.1	360	284.1	364	278.2	343	276.5	339	274.8	325	274.9					
850	774	259.6	784	259.1	787	259.3	809	257.1	818	259.3	828	266.5	850	267.1	852	267.9	845	262.4	813	260.1	796	258.9	772	259.2					
800	1243	244.7	1255	244.2	1261	244.1	1299	243.1	1317	245.3	1334	251.2	1367	251.2	1367	252.3	1349	247.1	1307	245.1	1277	243.7	1246	244.1					
750	1743	230.0	1760	229.8	1768	229.3	1818	228.6	1844	230.9	1869	234.9	1913	235.4	1913	235.2	1883	231.6	1833	229.5	1789	228.8	1752	229.8					
700	2264	216.1	2284	215.4	2295	215.0	2358	213.7	2393	215.2	2424	218.5	2479	218.1	2477	217.4	2439	215.4	2378	214.4	2322	214.1	2278	215.4					
600	3417	188.1	3443	187.4	3460	186.7	3546	185.0	3600	184.1	3647	185.2	3724	183.4	3721	184.7	3664	183.9	3584	184.2	3500	185.6	3441	187.1					
500	4740	160.8	4773	160.2	4798	159.6	4906	157.7	4983	155.8	5049	154.9	5147	153.4	5141	153.7	5067	154.6	4966	156.0	4855	158.1	4777	159.5					
400	6298	133.5	6336	132.9	6371	132.9	6504	131.0	6606	129.3	6747	127.8	6820	126.2	6809	126.4	6714	127.7	6592	128.9	6448	131.4	6348	132.9					
300	8204	105.3	8245	105.3	8292	105.2	8451	103.9	8583	102.4	8703	101.2	8854	99.5	8841	99.8	8724	100.7	8576	102.0	8397	103.7	8267	104.9					
200	10797	70.9	10829	71.3	10880	71.0	11047	71.7	11213	71.5	11338	71.2	11528	70.8	11508	70.7	11376	70.8	11209	71.5	11001	71.1	10854	71.4					
100	15190	35.8	15268	35.5	15334	35.5	15467	35.7	15630	35.7	15783	35.7	15924	36.0	15898	36.1	15788	36.1	15593	36.1	15366	35.6	15289	35.7					
50	19675	17.9	19716	18.0	19729	17.9	19869	17.9	20120	17.9	20234	17.5	20359	17.6	20344	17.6	20193	17.9	19927	18.0	19796	18.0	19718	17.9					
P Surface	940		941	290.1	940	288.0	939	288.1	939	330.0	939	304.5	940	309.2	940	306.8	941	297.2	939	291.7	940	288.6	939	288.9					
1000																													
950																													
900	332	275.5	336	275.7	336	275.6	347	274.5	352	277.9	353	286.2	370	289.7	372	288.7	368	281.2	345	277.5	340	275.5	325	275.4					
850	773	259.4	781	259.2	784	259.5	810	258.8	823	261.6	833	267.2	859	268.5	859	268.7	845	263.4	812	260.4	795	258.9	771	259.5					
800	1241	244.6	1252	244.2	1259	243.9	1298	243.6	1319	246.6	1336	250.0	1372	250.2	1370	250.4	1346	247.2	1304	244.8	1271	243.5	1244	244.4					
750	1741	230.2	1757	229.6	1765	229.2	1816	228.4	1845	230.9	1868	233.2	1916	234.5	1913	233.4	1880	231.7	1829	230.0	1789	228.7	1749	229.7					
700	2262	216.0	2281	215.2	2292	214.7	2355	213.5	2392	215.1	2423	217.1	2481	217.4	2476	216.3	2433	215.9	2374	214.4	2321	214.2	2275	225.0					
600	3415	188.2	3443	187.2	3458	186.6	3543	184.6	3599	183.8	3645	184.4	3725	184.2	3717	184.0	3657	183.9	3580	184.4	3501	185.4	3438	186.8					
500	4737	161.0	4777	159.9	4798	159.3	4904	157.3	4986	155.6	5048	154.7	5149	153.5	5137	153.7	5060	154.6	4964	155.6	4856	157.9	4779	159.6					
400	6293	133.6	6346	133.0	6370	132.6	6504	130.8	6616	128.9	6695	127.5	6823	125.9	6805	126.3	6708	127.5	6591	128.9	6448	131.1	6347	133.0					
300	8205	105.2	8263	105.1	8293	104.9	8452	103.7	8599	102.1	8706	100.9	8862	99.4	8839	99.6	8721	100.5	8578	101.8	8398	103.5	8272	104.9					
200	10804	70.6	10856	71.4	10897	70.8	11055	71.1	11227	71.3	11355	70.9	11546	70.4	11516	70.5	11388	70.7	11212	71.4	11000	70.8	10862	71.2					
100	15285	35.4	15309	35.5	15394	35.2	15507	35.2	15694	35.4	15821	35.3	15975	35.7	15942	35.8	15802	35.8	15613	35.9	15428	35.6	15310	35.4					
40	21104	14.1	21054	14.5	21162	14.3	21418	13.8	21564	14.0	21734	13.9	21870	13.8	21815	13.9	21636	14.1	21415	14.2	21232	14.2	21130	14.3					

1500 G. M. T.

0300 G. M. T.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
P in mb	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N
P Surface	854 262.3	854 262.7	850 259.9	850 257.4	849 256.4	850 255.6	852 265.6	853 269.0	852 258.7	852 263.0	855 262.7	854 263.2
1000												
950												
900												
850	29 260.2	27 260.1	0 259.0	0 257.4	0 256.4	0 255.6	19 266.6	27 267.8	21 259.4	23 259.4	44 257.9	32 260.7
800	509 243.5	513 243.0	486 241.8	506 240.2	502 240.2	520 239.6	553 243.6	558 248.1	547 239.5	534 243.0	537 243.6	517 244.4
750	1024 228.9	1032 228.3	1009 228.1	1042 226.5	1046 226.5	1074 226.2	1115 228.8	1119 233.2	1101 225.6	1075 228.5	1062 228.6	1036 229.1
700	1558 214.3	1571 214.1	1554 214.1	1599 213.7	1614 212.9	1651 212.8	1701 215.9	1702 218.3	1679 212.3	1636 214.2	1607 213.9	1576 214.2
600	2742 185.7	2759 185.2	2748 185.8	2817 185.1	2851 185.7	2909 184.8	2979 188.0	2974 188.4	2938 184.9	2867 183.8	2810 184.3	2769 185.1
500	4100 157.7	4120 157.3	4111 157.5	4202 156.5	4255 155.8	4338 154.5	4428 155.7	4418 155.3	4370 154.2	4275 154.1	4194 155.8	4138 157.0
400	5698 130.8	5722 130.6	5710 130.9	5826 129.3	5899 128.1	6008 126.3	6128 124.9	6115 125.3	6052 125.8	5928 127.2	5822 128.8	5749 129.9
300	7653 103.4	7674 103.6	7661 103.6	7804 102.5	7898 101.3	8043 99.5	8205 98.2	8186 98.6	8100 99.0	7948 100.4	7810 101.8	7723 102.6
200	10254 71.2	10260 71.8	10262 71.5	10413 72.5	10535 72.0	10722 71.3	10919 70.8	10897 70.9	10775 71.2	10599 71.4	10438 71.8	10342 71.9
100	14663 36.3	14699 36.6	14656 36.2	14785 36.3	14872 36.4	15057 36.8	15178 37.7	15168 37.3	15081 37.3	14931 37.3	14791 37.3	14697 36.6
50	18921 18.3	18950 18.4	18915 18.2	19028 18.1	19239 18.0	19351 17.8	19484 18.0	19485 17.8	19358 17.8	19227 18.1	19040 18.2	18987 18.3
P Surface	855 263.0	855 263.1	852 261.1	852 261.3	851 260.7	852 263.6	855 272.7	856 276.1	855 266.2	854 264.5	856 263.9	854 263.4
1000												
950												
900												
850	37 260.9	37 260.9	8 258.0	21 259.8	12 261.1	24 262.9	54 269.4	59 272.3	50 263.4	43 260.9	54 260.3	39 261.2
800	513 244.9	519 244.2	498 243.2	521 243.9	522 243.6	541 244.5	578 249.7	581 252.6	566 244.3	546 244.8	542 244.1	521 245.4
750	1025 229.4	1034 229.2	1017 228.9	1052 229.2	1061 228.8	1090 229.0	1134 232.8	1135 236.4	1114 229.2	1083 229.3	1065 229.0	1038 229.8
700	1556 214.6	1570 214.4	1557 214.6	1604 214.9	1621 214.5	1659 213.7	1713 217.4	1712 219.6	1685 215.0	1639 214.5	1607 214.0	1575 214.7
600	2738 185.3	2756 185.2	2747 185.3	2815 184.7	2851 184.6	2910 184.3	2984 187.1	2978 188.2	2938 184.6	2868 183.9	2810 184.0	2767 185.0
500	4096 157.5	4117 157.4	4109 157.4	4201 155.7	4252 155.3	4337 153.5	4429 154.8	4418 154.9	4369 153.3	4276 153.7	4191 155.8	4135 156.7
400	5695 130.7	5718 130.5	5710 130.6	5830 128.7	5895 127.8	6012 125.9	6128 124.7	6112 124.7	6052 125.2	5932 126.9	5821 128.7	5746 129.9
300	7647 103.3	7672 103.5	7664 103.2	7813 102.2	7895 101.1	8053 99.3	8204 97.5	8183 97.8	8103 98.8	7952 100.3	7809 101.7	7715 102.7
200	10255 71.1	10265 71.6	10277 71.3	10427 72.1	10536 71.5	10733 71.0	10928 70.5	10895 70.7	10795 70.8	10609 71.2	10440 71.6	10336 71.8
100	14653 36.2	14681 36.0	14696 36.0	14825 36.2	14928 36.1	15090 36.7	15203 37.4	15176 37.3	15093 37.2	14943 37.1	14748 36.8	14678 36.5
40	20304 14.4	20329 14.4	20342 14.3	20505 14.3	20684 14.2	20823 14.0	20995 14.0	20979 13.9	20870 14.0	20601 14.3	20447 14.4	20348 14.5



## GREAT FALLS, MONTANA

Elevation 1128

Station No. 24143

	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		
	P in mb	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	
P Surface	885	269.4		885	269.6	884	270.3	885	269.1	885	272.5	886	283.8	887	282.9	887	278.5	888	275.4	886	273.9	886	270.7	884	269.5
1000																									
950																									
900																									
850	316	257.6	317	258.2	313	258.7	333	256.7	340	260.0	352	267.6	368	265.2	368	262.6	370	261.9	339	260.6	334	258.2	307	257.7	
800	788	243.5	794	243.5	793	243.8	827	242.7	842	245.4	859	251.0	886	248.7	886	248.1	878	246.8	836	245.2	820	243.3	786	243.4	
750	1292	229.5	1301	229.7	1303	229.8	1348	228.8	1371	231.8	1395	235.5	1433	232.8	1432	233.5	1414	231.5	1362	230.3	1336	228.6	1295	229.4	
700	1815	215.3	1829	215.2	1833	215.8	1890	214.5	1922	217.0	1950	219.6	2002	218.2	1999	218.4	1972	216.3	1908	214.8	1873	214.3	1824	215.1	
600	2975	187.4	2994	186.8	3003	186.8	3081	185.5	3131	185.4	3172	186.3	3247	185.9	3243	186.2	3198	184.1	3114	184.3	3058	185.4	2994	186.3	
500	4301	160.5	4329	159.7	4343	159.6	4441	157.8	4514	156.1	4570	155.7	4669	154.1	4660	154.7	4602	154.8	4498	155.8	4415	157.8	4335	159.2	
400	5857	133.3	5897	133.1	5914	132.9	6034	131.3	6136	129.3	6211	128.3	6337	126.6	6324	126.8	6248	127.8	6121	129.1	6011	131.0	5910	132.6	
300	7773	105.1	7818	105.2	7831	105.2	7976	104.1	8112	102.6	8210	101.5	8369	99.8	8351	100.1	8253	100.9	8105	102.2	7961	103.3	7835	104.8	
200	10366	71.1	10390	71.7	10414	71.4	10562	71.9	10720	71.9	10843	71.4	11040	71.1	11014	71.0	10907	71.1	10732	71.8	10580	71.6	10434	71.8	
100	14803	35.5	14789	35.5	14868	35.6	14966	35.8	15129	35.9	15269	35.8	15429	36.1	15409	36.2	15271	36.1	15103	36.3	14968	36.1	14794	35.7	
80	16250	28.6	16213	28.4	16296	28.5	20735	14.4	16547	28.8	16675	28.6	16835	28.8	16826	28.7	16716	29.0	16506	29.0	16322	28.7	16209	28.7	
P Surface	885	269.8		885	269.9	885	270.7	886	270.3	887	276.2	893	287.1	889	285.9	889	284.0	889	278.8	886	274.5	886	271.2	884	269.4
1000																									
950																									
900																									
850	315	258.0	314	258.5	315	258.9	339	258.1	348	262.9	359	268.4	381	268.3	379	267.6	374	263.4	339	260.8	332	258.3	307	258.0	
800	786	243.7	790	243.8	793	244.2	828	243.4	845	247.0	862	251.0	894	249.6	890	250.2	877	247.2	833	245.5	817	243.4	784	243.4	
750	1289	229.7	1297	229.6	1302	229.7	1347	229.0	1373	232.1	1395	234.7	1439	233.0	1434	233.1	1411	231.9	1357	230.4	1333	229.2	1293	229.4	
700	1812	215.6	1824	215.2	1830	213.8	1886	214.1	1919	216.3	1949	218.8	2005	216.3	1998	216.9	1965	215.7	1903	214.8	1869	214.3	1822	214.9	
600	2970	187.4	2991	186.6	3000	186.6	3075	185.2	3126	184.7	3168	185.3	3248	183.6	3240	183.9	3189	184.1	3108	184.8	3054	185.5	2991	186.2	
500	4295	160.6	4327	159.6	4341	159.2	4435	157.5	4511	155.7	4566	155.0	4670	153.1	4659	154.0	4593	154.4	4491	156.1	4411	157.8	4332	159.2	
400	5853	133.3	5899	133.1	5917	132.9	6031	130.9	6135	129.0	6210	127.9	6340	126.1	6324	126.5	6240	127.5	6115	129.1	6008	130.9	5907	132.5	
300	7768	105.0	7815	105.2	7835	105.1	7977	103.8	8114	102.3	8211	101.3	8373	99.7	8354	99.9	8253	100.8	8099	101.9	7963	103.2	7832	104.8	
200	10359	71.1	10385	71.5	10424	71.1	10574	71.5	10740	71.5	10851	70.9	11046	70.6	11018	70.7	10907	70.8	10727	71.5	10572	71.5	10413	71.4	
100	14821	35.5	14832	35.5	14896	35.3	15025	35.4	15182	35.6	15307	35.4	15460	35.9	15429	36.0	15303	36.0	15107	35.9	14958	35.9	14831	35.6	
40	20708	14.1	20753	13.9	20767	14.1	20866	14.1	21087	14.0	21222	13.8	21313	13.9	21289	13.9	21136	14.1	20906	14.3	20756	14.3	20550	14.4	

0300 G.M.T.

1500 G.M.T.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
P in mb	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N
P Surface	990 308.1	988 304.8	985 306.2	986 312.1	984 331.0	985 346.9	986 357.6	986 357.2	987 342.3	989 327.1	987 311.2	989 306.7
1000												
950	334 293.4	323 290.1	303 291.6	309 295.6	303 312.3	318 325.0	327 335.3	327 334.9	337 321.7	339 308.5	312 294.4	329 290.4
900	774 277.3	761 275.2	746 275.7	761 279.9	762 293.0	782 303.3	796 311.5	794 311.9	798 301.2	795 289.5	758 278.7	768 274.5
850	1239 261.5	1224 259.9	1212 260.8	1236 263.2	1244 274.8	1271 284.0	1288 290.3	1284 290.3	1283 281.6	1274 270.5	1227 262.5	1232 258.0
800	1730 245.6	1711 244.5	1702 244.6	1734 246.6	1750 256.0	1783 263.1	1803 268.5	1798 267.7	1793 259.0	1777 249.7	1721 244.3	1722 241.3
750	2255 229.5	2232 227.3	2224 228.5	2264 229.9	2286 236.4	2327 241.3	2346 241.0	2342 241.0	2333 238.4	2315 229.8	2250 227.3	2246 226.6
700	2801 213.0	2773 211.9	2768 212.4	2813 213.2	2842 217.6	2891 221.3	2916 225.1	2909 224.1	2898 218.3	2872 212.6	2799 212.1	2790 211.2
600	4012 183.1	3974 183.3	3973 182.8	4029 182.6	4072 183.0	4136 184.9	4169 187.2	4161 186.4	4145 183.4	4109 182.0	4017 182.0	4000 182.3
500	5401 155.3	5351 155.9	5356 155.5	5426 154.5	5486 154.3	5568 153.3	5610 154.0	5601 153.4	5580 153.1	5530 153.4	5418 154.0	5390 155.0
400	7036 128.6	6972 129.2	6984 128.9	7066 128.3	7149 126.8	7255 125.1	7312 125.2	7301 125.4	7270 125.6	7202 126.2	7068 127.1	7025 128.3
300	9032 101.4	8952 102.1	8977 101.6	9069 101.2	9175 100.1	9316 98.7	9389 98.1	9377 98.2	9281 98.6	9238 99.8	9084 100.3	9031 101.3
200	11649 72.2	11577 72.0	11609 71.8	11699 72.5	11828 72.4	12008 71.6	12101 71.2	12088 71.1	12033 71.3	11910 71.5	11739 71.7	11666 72.2
100	15970 37.5	15956 37.2	15869 36.6	16015 36.9	16126 36.8	16253 37.4	16380 37.6	16363 37.3	16313 37.5	16192 37.7	15983 37.2	15947 37.2
60	19041 22.1	ND	ND	19206 21.8	19277 21.8	19426 21.7	19569 21.7	19536 21.7	19505 21.7	19298 22.2	19107 22.0	19080 22.0
P Surface	991 307.4	990 303.6	986 303.5	987 311.3	985 324.8	986 340.1	987 351.1	987 352.0	989 337.0	990 324.5	988 308.1	990 305.0
1000												
950	347 293.2	335 290.3	311 290.9	321 297.4	311 309.3	326 322.6	335 330.8	333 331.7	344 318.8	349 307.7	322 294.0	341 289.8
900	785 278.4	769 278.2	750 275.8	771 280.8	771 290.7	793 301.0	804 308.1	801 307.9	806 298.1	801 288.8	765 277.2	777 274.2
850	1251 261.9	1230 259.7	1213 259.9	1243 263.4	1252 271.2	1281 280.2	1294 285.3	1290 285.1	1290 277.4	1280 268.0	1233 260.2	1241 258.0
800	1743 245.6	1717 243.3	1702 244.1	1740 246.8	1757 251.1	1793 259.6	1808 264.3	1804 264.2	1800 255.5	1783 247.4	1727 243.2	1731 241.4
750	2269 229.6	2239 227.7	2224 228.2	2270 229.6	2294 231.3	2335 238.5	2354 241.9	2347 242.3	2341 235.5	2320 228.1	2256 226.3	2255 226.0
700	2815 213.6	2780 212.1	2766 212.6	2820 213.0	2850 214.3	2901 219.0	2922 221.7	2915 221.1	2906 216.8	2879 211.5	2805 210.6	2800 211.0
600	4028 183.0	3983 183.0	3971 183.0	4039 182.0	4083 182.2	4149 184.3	4177 185.4	4167 185.3	4154 183.0	4117 182.2	4024 181.6	4010 182.4
500	5421 155.0	5366 155.2	5356 155.1	5437 154.0	5498 153.1	5583 152.7	5620 153.6	5609 152.9	5590 152.6	5539 152.6	5426 153.2	5401 154.7
400	7062 128.1	6993 128.6	6984 128.5	7079 127.6	7164 126.2	7276 125.1	7325 124.8	7310 124.5	7284 125.0	7214 125.8	7079 127.6	7039 128.2
300	9066 101.1	8979 101.8	8976 101.5	9082 100.9	9193 99.8	9342 98.5	9407 97.9	9390 98.1	9351 98.4	9254 99.2	9097 100.2	9038 101.2
200	11701 72.2	11603 71.6	11615 71.4	11719 72.0	11852 72.0	12041 71.3	12123 71.0	12107 70.8	12056 71.0	11933 71.3	11759 71.5	11676 72.1
100	15992 37.2	15969 36.7	15984 36.6	16076 36.5	16175 36.7	16314 37.2	16393 37.2	16384 37.3	16328 37.4	16208 37.5	16059 37.3	16007 37.2
30	23431 10.7	23497 10.7	23450 10.6	23641 10.6	23820 10.4	23950 10.4	24067 10.4	24068 10.5	23910 10.5	23724 10.6	23557 10.7	23460 10.6

## HATTERAS, NORTH CAROLINA

Elevation 3 Meters

Station No. 13745

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P. Surface	1022	326.6	1020	322.8	1018	326.1	1018	335.2	1016	351.6	1016	369.6	1017	380.2	1016	377.6	1018	367.6	1019	353.0	1018	333.5	1020	325.7
1000	179	318.1	164	313.4	143	317.5	147	324.6	131	342.2	140	357.8	150	367.6	142	367.1	152	356.2	156	340.8	148	323.6	168	315.3
950	610	298.1	593	293.6	575	296.4	585	301.5	576	315.2	591	327.5	603	336.9	594	335.4	599	328.8	600	316.3	583	301.5	599	295.6
900	1053	279.6	1033	276.0	1018	278.6	1033	281.5	1032	292.7	1052	301.9	1068	309.4	1059	308.1	1062	303.9	1054	293.2	1032	281.0	1041	277.0
850	1521	261.4	1499	259.6	1486	260.3	1508	264.5	1514	272.1	1540	278.8	1558	285.5	1549	284.2	1548	280.0	1535	270.8	1505	261.1	1509	259.5
800	2015	244.4	1988	242.7	1979	243.5	2007	246.1	2019	252.6	2052	257.3	2072	262.1	2063	262.0	2059	257.2	2040	249.7	2004	242.7	2002	242.5
750	2543	228.2	2511	227.1	2504	227.1	2538	228.9	2557	233.0	2596	236.7	2617	241.7	2607	241.1	2601	236.0	2580	229.5	2536	226.7	2529	226.8
700	3091	212.8	3055	211.7	3050	212.6	3089	213.1	3114	215.5	3161	218.3	3186	221.9	3176	221.6	3168	218.0	3139	212.2	3089	210.7	3076	211.0
600	4307	182.5	4264	182.7	4261	182.3	4309	183.1	4347	182.8	4409	184.3	4442	186.4	4431	186.0	4418	185.2	4380	182.1	4316	180.9	4289	182.3
500	5705	154.5	5648	155.3	5652	154.6	5708	154.5	5765	153.7	5843	153.4	5884	154.1	5871	153.7	5856	153.5	5805	152.4	5726	153.6	5684	154.3
400	7350	127.9	7277	128.8	7286	128.3	7356	127.5	7431	126.3	7534	125.1	7587	125.1	7573	125.2	7552	125.3	7482	125.7	7386	126.9	7327	127.8
300	9355	100.9	9266	101.7	9287	101.1	9360	100.9	9462	99.7	9600	98.6	9667	98.2	9653	98.1	9627	98.3	9528	99.0	9413	99.7	9333	100.9
200	11995	72.2	11882	71.9	11930	71.8	12001	72.1	12123	72.1	12301	71.4	12378	71.2	12373	70.8	12333	71.2	12211	71.3	12081	71.6	11971	72.0
100	16303	37.5	16240	37.1	16213	37.3	16304	36.6	16403	36.8	16532	37.3	16630	37.6	16644	37.3	16577	37.7	16463	37.8	16338	37.5	16234	37.2
60	19434	22.1	19357	22.3	19341	22.3	19395	21.8	19565	21.8	19704	21.8	19734	21.7	19821	21.7	19736	21.8	19578	22.2	19443	22.0	19336	21.9

P. Surface	1023	326.3	1019	323.4	1019	323.6	1019	332.8	1016	348.4	1017	366.5	1018	377.7	1017	376.0	1018	365.0	1019	351.0	1019	331.5	1021	324.3
1000	188	316.6	160	311.9	153	314.4	156	322.1	139	337.8	147	354.8	155	364.7	149	363.0	159	353.2	162	338.3	155	321.3	177	314.0
950	619	297.7	587	294.5	583	296.1	593	301.5	582	313.6	597	326.5	606	336.9	600	335.0	607	328.2	605	315.6	589	301.8	607	295.4
900	1062	279.4	1026	277.2	1025	278.1	1041	282.2	1039	290.8	1059	302.2	1073	310.1	1067	308.5	1070	304.5	1061	292.8	1038	281.6	1049	277.3
850	1532	262.7	1492	259.3	1493	260.3	1515	263.2	1521	270.8	1547	279.6	1563	285.5	1557	283.1	1556	280.7	1542	271.3	1511	262.3	1517	257.6
800	2027	245.7	1982	243.4	1986	244.2	2014	245.7	2026	251.3	2059	257.4	2077	263.4	2070	260.8	2066	258.3	2048	249.9	2009	243.5	2011	241.4
750	2554	228.4	2502	227.2	2511	228.0	2544	228.8	2562	232.7	2603	236.9	2622	241.8	2614	240.2	2610	238.1	2586	230.1	2541	227.1	2539	225.6
700	3104	212.1	3050	211.7	3058	211.6	3096	212.5	3122	214.9	3170	217.7	3192	221.6	318	221.2	3175	218.0	3147	212.6	3094	211.4	3086	211.1
600	4323	182.2	4259	182.3	4271	182.6	4318	183.3	4357	182.2	4421	183.9	4448	186.5	4439	185.8	4426	184.4	4389	181.3	4322	181.5	4300	181.9
500	5727	154.2	5641	154.7	5664	154.7	5721	154.5	5777	153.2	5859	152.7	5893	153.9	5883	153.4	5867	153.2	5817	153.1	5732	154.6	5697	154.2
400	7374	127.5	7272	128.3	7304	127.9	7371	127.2	7447	126.2	7556	125.0	7599	124.9	7588	124.6	7568	124.8	7497	125.6	7394	126.7	7342	127.6
300	9383	100.8	9281	101.5	9309	100.9	9384	100.6	9483	99.5	9629	98.2	9685	97.8	9672	97.9	9646	98.1	9548	98.8	9425	100.2	9354	100.7
200	12018	72.1	11916	71.7	11968	71.3	12031	71.9	12146	71.9	12338	71.1	12404	70.9	12401	70.5	12363	70.9	12237	71.0	12092	71.5	12008	71.8
100	16281	37.2	16243	36.6	16325	36.6	16378	36.5	16482	36.6	16617	37.1	16675	37.1	16694	37.1	16638	37.4	16533	37.5	16370	37.5	16308	37.0
30	23719	10.7	23725	10.7	23750	10.6	23898	10.5	24115	10.2	24224	10.4	24276	10.4	24337	10.4	24263	10.4	24069	10.5	23865	10.6	23782	10.5



## INTERNATIONAL FALLS, MINNESOTA

Elevation 360 Meters

Station No. 14918

	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.			
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N		
P in mb	974	300.9	976	300.7	973	296.8	973	298.6	972	303.8	971	316.7	972	330.8	974	330.9	973	315.8	972	305.1	971	298.6	973	299.6		
P Surface	1000																									
0300 G.M.T.	950	184	293.4	200	292.3	187	288.9	191	290.1	188	294.2	181	305.7	203	317.6	213	318.8	203	304.9	191	296.9	173	291.9	180	292.3	
	900	590	277.6	607	277.3	609	274.5	627	275.2	635	278.3	636	287.3	662	296.9	671	296.1	653	285.3	634	280.2	596	276.8	590	276.8	
	850	1025	261.3	1042	261.2	1052	259.5	1083	259.9	1104	263.6	1114	271.0	1147	278.4	1154	275.5	1128	267.5	1101	262.9	1044	260.7	1027	260.8	
	800	1486	245.8	1504	245.6	1521	244.2	1563	244.5	1595	247.6	1615	253.6	1655	256.7	1661	254.0	1626	248.9	1592	245.6	1516	244.7	1492	245.1	
	750	1983	231.0	2000	230.7	2025	229.5	2076	229.2	2119	230.2	2148	235.4	2197	236.2	2201	235.2	2156	231.6	2116	229.4	2023	229.5	1990	230.2	
	700	2496	216.7	2516	216.3	2544	215.1	2606	214.4	2663	214.0	2699	216.9	2754	216.7	2759	216.8	2706	214.6	2661	213.7	2548	214.8	2507	215.5	
	600	3640	188.6	3664	188.3	3703	187.0	3785	185.7	3865	184.0	3920	183.7	3991	183.8	3995	183.1	3927	183.7	3868	183.8	3716	186.0	3659	187.6	
	500	4958	161.3	4984	160.9	5036	159.8	5140	158.0	5245	155.8	5323	154.4	5410	153.3	5412	153.5	5326	154.7	5255	155.4	5059	158.9	4986	160.4	
	400	6511	133.7	6543	133.3	6603	133.0	6728	131.4	6866	129.3	6975	127.4	7080	126.2	7079	126.4	6975	127.5	6885	128.6	6642	132.0	6547	133.1	
	300	8413	105.5	8454	105.4	8519	105.0	8675	103.8	8844	102.2	8990	100.6	9116	99.6	9111	99.7	8984	100.8	8876	101.5	8584	103.9	8459	105.1	
200	11020	70.4	11056	70.4	11122	70.6	11276	71.0	11476	71.3	11639	71.0	11792	70.6	11784	70.7	11638	70.9	11514	71.6	11223	70.5	11074	70.4		
100	15562	35.5	15510	35.5	15627	35.5	15739	35.4	15940	35.7	16094	35.7	16204	35.9	16204	35.9	16182	35.9	16017	35.8	15862	35.9	15605	35.4	15515	35.5
80	16951	28.4	16880	28.3	16989	28.5	17163	28.5	17375	28.6	17481	28.5	17627	28.6	17627	28.6	17585	28.6	17402	28.4	17258	28.8	17021	28.4	16958	28.4
P Surface	974	302.1	976	301.7	974	297.4	974	298.5	974	302.6	972	315.6	973	327.8	975	329.1	974	315.1	972	306.1	971	298.8	974	300.4		
1000																										
1500 G.M.T.	950	187	294.2	204	293.4	190	290.1	196	290.8	200	293.9	189	306.0	209	316.4	220	315.4	208	303.9	195	297.5	174	292.2	183	292.8	
	900	592	277.7	609	277.5	607	275.2	629	275.5	645	278.7	642	287.3	667	295.6	677	293.8	657	284.3	635	279.5	596	276.6	593	276.6	
	850	1025	261.5	1044	261.1	1050	259.6	1084	259.7	1111	262.4	1118	268.7	1150	274.5	1159	272.8	1129	265.4	1100	262.3	1043	260.5	1031	260.2	
	800	1486	246.1	1506	245.6	1519	244.2	1564	243.7	1602	245.0	1618	250.1	1657	254.7	1664	251.3	1627	247.0	1590	244.9	1516	244.5	1497	245.0	
	750	1981	231.2	2002	230.7	2021	229.3	2076	228.6	2125	229.6	2150	232.4	2197	234.4	2203	232.8	2158	230.1	2115	228.7	2021	229.2	1996	230.5	
	700	2495	216.6	2518	216.2	2542	215.0	2609	213.8	2667	213.7	2702	215.7	2755	215.8	2761	215.2	2708	214.0	2659	212.9	2547	214.6	2513	216.0	
	600	3639	188.4	3666	188.0	3699	186.9	3791	185.1	3868	183.6	3923	183.5	3993	182.0	3997	182.6	3928	182.9	3865	183.3	3716	186.1	3665	187.8	
	500	4956	161.1	4987	160.7	5030	159.9	5148	157.6	5249	155.7	5327	154.3	5415	153.0	5416	153.5	5331	154.3	5250	155.2	5061	158.7	4990	160.4	
	400	6507	133.8	6546	133.5	6598	133.0	6744	131.0	6874	129.0	6980	127.2	7089	126.0	7084	126.4	6983	127.4	6881	128.5	6643	131.8	6551	133.4	
	300	8411	105.3	8457	105.0	8523	104.8	8690	103.6	8856	102.0	8997	100.5	9129	99.2	9118	99.6	8994	100.6	8870	101.6	8575	103.8	8468	105.1	
200	11021	70.4	11069	70.7	11133	70.3	11307	70.6	11490	70.7	11660	70.7	11819	70.3	11793	70.4	11658	70.8	11507	71.2	11218	70.4	11073	70.4		
100	15518	35.1	15619	35.0	15639	35.2	15783	35.2	15974	35.3	16117	35.4	16263	35.6	16263	35.7	16093	35.7	15873	35.7	15637	35.3	15550	35.4		
60	18814	21.3	18858	21.3	18916	21.3	19082	21.2	19239	21.3	19400	21.1	19520	21.2	19444	21.2	19305	21.3	19058	21.5	18922	21.3	18755	21.4		

## JOLIET, ILLINOIS

## Elevation 179 Meters

Station No. 14834

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
P in mb	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N
P Surface	997 305.7	998 305.5	994 307.4	994 311.7	993 320.2	993 336.4	995 346.1	996 346.8	996 331.4	997 321.4	994 308.0	997 306.1
1000												
950	385 290.7	388 288.5	366 291.6	376 294.5	377 302.0	382 317.6	401 321.6	409 320.5	410 309.9	405 302.2	371 292.6	381 290.6
900	807 274.0	810 274.0	797 275.6	816 278.5	828 285.0	842 297.2	866 301.9	871 300.3	865 289.4	856 282.8	803 275.9	808 274.1
850	1257 258.1	1259 258.3	1252 259.7	1282 261.0	1303 267.9	1327 276.4	1355 281.3	1359 279.2	1346 268.4	1332 262.7	1261 259.6	1260 257.9
800	1734 242.8	1735 243.2	1733 243.5	1771 245.1	1802 250.6	1836 255.0	1867 258.6	1871 257.3	1851 249.5	1833 244.2	1744 243.3	1738 242.7
750	2245 227.8	2244 228.2	2245 228.4	2293 229.4	2334 232.9	2378 235.2	2411 236.2	2414 236.9	2388 231.1	2366 228.1	2260 227.5	2251 227.7
700	2776 213.1	2773 213.8	2779 214.2	2836 214.2	2885 215.3	2940 217.8	2976 217.0	2978 216.3	2948 213.8	2920 212.4	2797 213.0	2782 213.1
600	3955 184.8	3948 185.4	3960 185.4	4036 184.2	4106 183.3	4183 183.4	4226 184.1	4227 182.9	4186 182.7	4147 181.7	3988 183.7	3962 184.8
500	5311 157.5	5299 158.2	5318 157.7	5411 156.2	5507 154.4	5609 153.4	5661 153.1	5660 152.4	5607 152.9	5555 153.6	5356 156.4	5319 157.6
400	6909 130.8	6890 131.3	6914 130.9	7028 129.7	7154 127.7	7288 125.7	7350 125.1	7349 124.8	7280 125.9	7210 127.2	6968 129.7	6916 130.9
300	8868 103.1	8832 103.7	8868 103.4	8999 102.4	9160 101.1	9338 99.3	9413 98.2	9410 98.2	9318 99.3	9232 100.5	8943 102.0	8872 103.0
200	11483 71.7	11440 71.3	11490 71.2	11615 71.7	11804 72.1	12019 71.6	12117 70.7	12117 70.8	11999 71.2	11890 71.8	11583 71.0	11495 71.6
100	15822 36.6	15862 36.2	15927 36.1	16014 36.0	16152 36.4	16315 36.9	16424 37.0	16408 36.9	16282 36.8	16157 37.0	15978 36.5	15851 36.1
80	17204 29.3	17248 29.0	17308 29.0	17402 28.9	17549 29.1	17691 29.2	17800 29.2	17796 29.1	17674 29.1	17539 29.5	17355 29.3	17243 29.0
P Surface	998 305.5	998 305.4	994 306.4	995 309.7	994 318.7	994 336.7	996 342.3	997 345.0	998 329.7	998 321.1	995 307.7	998 305.7
1000												

0300 G. M. T.

1500 G. M. T.

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1020	330.1	1020	331.7	1016	337.1	1016	348.1	1013	364.4	1014	379.7	1015	384.1	1015	384.1	1014	370.4	1016	354.1	1018	335.2	1019	331.7
1000	164	321.8	165	322.3	133	327.0	133	338.5	114	356.8	122	369.0	129	373.9	129	372.1	124	360.0	139	347.1	148	325.5	159	323.0
950	598	303.4	601	302.4	571	303.8	577	314.0	565	327.8	576	338.9	586	343.4	586	341.2	578	332.3	587	319.8	587	304.3	597	303.5
900	1044	285.6	1047	282.8	1021	283.5	1032	290.7	1027	301.7	1043	309.8	1055	314.9	1055	314.0	1043	309.6	1048	297.4	1038	283.0	1044	283.8
850	1519	267.3	1522	262.7	1499	262.0	1514	267.7	1516	274.2	1535	283.3	1549	289.0	1549	288.6	1534	286.3	1534	274.3	1516	263.1	1520	264.4
800	2020	248.8	2022	245.6	2001	244.0	2021	245.6	2029	251.0	2052	260.1	2067	264.2	2068	263.8	2049	262.3	2045	252.4	2020	244.6	2022	246.1
750	2558	229.8	2558	228.3	2540	225.7	2564	228.4	2575	230.2	2601	236.6	2616	243.0	2618	241.7	2598	241.2	2589	231.3	2561	227.0	2561	227.4
700	3112	213.4	3111	212.3	3096	209.4	3122	211.8	3141	212.7	3172	217.4	3188	223.1	3189	221.8	3165	221.0	3154	212.5	3118	210.9	3116	211.4
600	4343	181.9	4341	182.6	4331	181.0	4362	182.0	4390	181.4	4431	183.7	4450	187.6	4450	185.3	4423	185.7	4404	181.8	4358	181.8	4350	181.5
500	5753	154.3	5748	150.2	5744	153.8	5779	153.9	5818	152.8	5875	153.0	5897	154.3	5898	153.1	5867	153.6	5839	152.8	5781	154.1	5766	153.0
400	7412	127.4	7399	127.8	7401	126.9	7441	126.5	7497	126.1	7576	124.5	7604	124.9	7607	124.4	7570	125.1	7530	125.1	7456	126.4	7432	126.6
300	9435	100.1	9415	100.5	9421	100.3	9465	100.1	9539	99.3	9651	97.6	9691	97.9	9693	97.1	9649	98.3	9591	98.3	9498	99.2	9465	99.7
200	12086	72.1	12055	71.9	12077	71.8	12108	72.5	12202	72.3	12358	71.4	12410	71.2	12412	71.1	12368	71.0	12284	71.4	12172	71.7	12123	72.1
100	16349	38.2	16335	38.2	16347	38.1	16371	37.7	16426	38.0	16551	38.8	16619	38.6	16617	38.4	16562	38.8	16465	38.7	16365	38.6	16327	38.2
40	21878	14.6	21832	14.8	21855	14.6	21942	14.4	22059	14.3	22132	14.5	22239	14.4	22305	14.3	22180	14.3	22057	14.5	21911	14.5	21862	14.5
P Surface	1021	330.2	1021	330.2	1017	331.7	1017	344.4	1015	358.3	1016	372.4	1017	378.3	1016	377.4	1016	368.5	1018	352.5	1019	329.7	1021	330.4
1000	174	320.5	175	319.4	145	322.6	146	334.7	131	349.0	139	362.0	146	366.3	144	366.7	137	357.7	152	342.1	161	320.2	170	320.1
950	607	304.3	609	301.3	582	302.5	589	312.8	580	326.2	592	338.1	600	341.3	599	340.9	589	333.1	598	318.7	598	302.5	606	300.9
900	1048	284.5	1055	282.7	1030	281.9	1044	288.8	1042	300.2	1059	311.3	1069	315.0	1068	313.5	1053	309.8	1058	295.0	1048	282.2	1053	282.4
850	1528	265.6	1529	262.7	1508	261.4	1526	265.8	1530	275.1	1550	283.8	1561	288.4	1561	285.4	1544	284.6	1543	271.8	1526	262.5	1529	263.7
800	2028	249.0	2029	245.9	2011	243.0	2033	247.3	2043	251.4	2066	258.7	2078	263.5	2079	262.2	2058	260.9	2054	250.8	2030	244.5	2030	245.7
750	2564	230.8	2565	228.6	2549	226.1	2575	228.4	2588	231.6	2614	237.4	2626	243.1	2627	240.4	2605	240.2	2598	231.0	2569	227.8	2567	227.3
700	3118	213.4	3118	211.9	3104	210.3	3134	211.7	3153	213.5	3184	218.6	3196	223.7	3199	220.9	3173	220.5	3162	212.4	3127	211.6	3123	211.0
600	4349	181.7	4346	182.4	4339	180.8	4373	182.2	4401	182.7	4441	184.2	4454	187.6	4458	185.5	4429	185.6	4412	186.0	4367	181.8	4357	182.2
500	5763	153.5	5754	153.4	5751	153.5	5789	153.2	5829	152.4	5884	152.7	5900	153.9	5905	152.5	5873	153.9	5848	152.4	5790	154.1	5774	153.2
400	7425	126.8	7410	127.3	7412	126.8	7454	126.6	7509	125.8	7587	124.2	7609	124.5	7616	123.9	7577	124.8	7540	122.8	7466	126.1	7439	126.4
300	9451	100.0	9431	100.2	9440	99.9	9484	99.8	9555	99.0	9667	97.4	9702	97.5	9706	96.9	9658	97.2	9604	98.1	9511	99.0	9470	99.7
200	12110	71.7	12082	71.6	12099	71.6	12135	72.2	12225	72.0	12380	71.1	12428	71.0	12429	70.9	12380	70.8	12305	71.1	12191	71.5	12130	72.0
100	16401	37.8	16383	37.7	16409	37.6	16424	37.5	16480	37.7	16587	38.5	16635	38.2	16637	38.3	16591	38.6	16514	38.6	16424	38.2	16387	37.9
20	26277	7.0	26242	7.0	26327	6.9	26494	6.9	26630	6.8	26693	6.8	26847	6.8	26864	6.8	26693	6.9	26487	7.0	26371	7.0	26363	6.9



## LANDER, WYOMING

Elevation 1694.08 Meters

Station No. 24021

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N	Hgt. N	N
P. Surface	827	252.5	828	252.2	826	252.2	828	253.3	829	259.9	828	263.5	831	262.8	831	258.3	831	258.8	829	256.8	829	252.4	826	251.8
1000																								
950																								
900																								
850																								
800	253	242.5	258	242.5	244	243.1	272	242.1	280	247.3	293	248.3	324	247.2	324	244.6	316	246.7	292	244.8	281	243.2	251	242.1
750	764	227.4	773	227.0	763	228.0	803	228.3	816	231.8	839	232.6	881	231.7	883	229.7	865	230.8	828	229.0	804	227.5	769	226.8
700	1295	213.5	1308	212.9	1302	213.7	1353	214.3	1375	217.1	1408	217.1	1462	217.1	1461	215.0	1432	215.2	1383	214.1	1348	212.6	1306	212.6
600	2468	185.7	2490	184.8	2487	185.5	2559	184.7	2598	186.1	2652	185.9	2730	187.3	2726	186.4	2679	185.2	2607	183.7	2548	184.0	2494	184.6
500	3814	158.8	3842	158.0	3842	158.1	3937	156.6	3992	155.7	4068	154.9	4171	154.5	4164	154.3	4101	154.3	4007	154.7	3921	156.4	3855	157.4
400	5393	132.2	5431	131.6	5430	131.8	5548	130.0	5627	128.6	5728	127.0	5861	125.5	5847	125.6	5768	126.3	5649	128.1	5535	129.9	5452	130.9
300	7327	104.5	7366	104.6	7362	104.6	7512	103.2	7616	102.0	7748	100.4	7919	98.5	7899	99.2	7800	99.8	7651	101.2	7506	102.7	7399	103.9
200	9914	71.4	9947	72.3	9948	71.6	10101	72.4	10235	72.2	10397	71.8	10612	71.0	10587	71.0	10468	71.3	10289	71.8	10120	72.0	9992	71.9
100	14282	36.0	14347	36.1	14396	36.0	14475	36.1	14599	36.1	14758	36.5	14917	37.0	14899	36.9	14805	36.6	14631	36.8	14500	36.8	14373	36.2
50	18656	18.0	18690	18.2	18674	18.0	18803	18.0	18973	17.9	19133	17.7	19295	17.8	19260	17.8	19124	18.0	18902	18.1	18786	18.1	18744	18.1
P Surface	826	253.4	827	253.1	825	252.7	830	256.1	830	261.8	830	266.0	833	270.5	833	265.3	832	262.7	830	257.9	829	254.1	826	252.6
1000																								
950																								
900																								
850																								
800	250	243.6	260	243.4	247	243.7	282	244.8	291	249.2	308	252.0	344	253.1	343	249.4	327	249.4	297	245.9	284	243.7	251	242.9
750	758	227.9	773	227.7	763	228.2	808	229.2	824	232.0	849	234.5	898	233.5	896	231.1	870	231.4	829	229.4	805	227.6	768	226.8
700	1286	213.9	1307	213.0	1296	213.6	1354	214.1	1378	216.4	1412	217.3	1471	215.9	1469	214.4	1433	214.4	1382	213.8	1348	212.8	1304	212.3
600	2457	186.0	2487	184.8	2478	185.3	ND	ND	2597	184.7	2650	184.5	2735	184.1	2728	184.1	2675	183.0	2603	183.1	2547	183.9	2490	184.4
500	3801	158.6	3840	158.1	3831	158.1	3932	156.3	3994	155.0	4065	154.3	4173	153.3	4162	153.8	4096	153.4	4005	154.5	3922	156.3	3849	157.4
400	5380	131.5	5427	131.6	5417	131.9	5546	129.8	5632	128.3	5725	126.7	5862	124.7	5844	125.3	5765	124.6	5648	127.9	5536	129.6	5444	131.1
300	7310	104.5	7364	104.6	7351	104.6	7511	103.1	7626	101.8	7748	100.3	7919	98.5	7895	98.8	7797	99.9	7648	101.2	7506	102.7	7388	104.0
200	9898	71.5	9947	72.1	9945	71.4	10112	72.0	10252	71.9	10405	71.3	10618	70.7	10586	70.7	10463	71.1	10288	71.5	10117	71.8	9980	71.9
100	14305	36.1	14354	35.9	14385	35.7	14526	35.8	14660	35.9	14795	36.1	14947	36.8	14915	36.7	14796	36.6	14629	36.6	14466	36.4	14347	36.0
30	21920	10.7	22001	10.6	21993	10.6	22077	10.6	22317	10.5	22486	10.4	22582	10.4	22577	10.4	22381	10.5	22183	10.7	21998	10.8	21957	10.7

P in mb	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.		Oct.		Nov.		Dec.	
	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N
P Surface	946 282.7	945 280.1	941 274.1	939 271.4	937 268.3	936 260.8	938 276.0	938 277.5	938 270.5	938 270.5	941 276.5	941 276.5	946 281.0	946 281.0	947 296.2	947 296.2
1000																
950																
900	368 265.6	360 263.4	331 263.0	327 260.8	307 264.4	308 262.8	326 270.2	332 270.6	327 261.4	342 262.4	373 265.0	373 265.0	366 267.2	366 267.2		
850	836 251.9	833 250.8	809 249.1	815 248.5	802 247.4	811 250.6	836 255.5	840 254.2	832 247.0	833 250.0	852 251.6	852 251.6	838 253.1	838 253.1		
800	1327 238.6	1328 237.9	1309 237.3	1326 235.1	1319 233.3	1337 236.4	1369 242.7	1371 240.5	1360 235.7	1346 237.6	1354 237.6	1354 237.6	1334 239.5	1334 239.5		
750	1850 224.2	1853 224.8	1837 223.8	1863 223.0	1863 221.8	1889 220.5	1930 226.8	1929 227.0	1915 223.2	1888 224.6	1887 223.6	1887 223.6	1861 224.8	1861 224.8		
700	2393 209.9	2399 210.7	2386 210.5	2421 210.1	2429 209.3	2465 207.4	2513 213.3	2511 213.4	2492 210.6	2451 210.1	2441 209.7	2441 209.7	2408 209.6	2408 209.6		
600	3594 182.2	3601 183.0	3593 183.0	3644 181.8	3665 181.9	3722 181.8	3784 183.9	3779 183.6	3754 180.7	3690 180.7	3665 182.5	3665 182.5	3619 181.8	3619 181.8		
500	4971 155.9	4976 156.0	4974 155.3	5040 155.1	5073 153.6	5156 152.3	5233 152.8	5224 152.5	5195 146.7	5110 153.1	5069 155.1	5069 155.1	5006 155.1	5006 155.1		
400	6587 128.8	6587 129.0	6593 129.4	6675 127.5	6722 127.6	6838 123.8	6935 122.2	6921 122.6	6888 123.0	6777 125.0	6716 126.3	6716 126.3	6633 128.5	6633 128.5		
300	8557 102.6	8553 102.9	8566 102.6	8661 102.0	8728 101.0	8883 99.2	9010 97.7	8991 97.9	8947 98.5	8804 99.9	8727 100.8	8727 100.8	8620 101.8	8620 101.8		
200	11172 71.8	11153 71.9	11174 72.2	11272 72.6	11364 72.0	11559 71.4	11722 70.9	11701 70.9	11644 70.9	11468 71.6	11373 72.0	11373 72.0	11247 72.1	11247 72.1		
100	15484 36.7	15507 36.6	15529 36.6	15609 36.8	15693 36.7	15862 37.4	15970 38.0	15966 37.5	15932 37.8	15756 37.6	15636 37.6	15636 37.6	15563 37.3	15563 37.3		
40	21201 14.6	21219 14.5	21202 14.5	21291 14.3	21462 14.3	21596 14.1	21697 14.3	21739 14.2	21591 14.2	21414 14.4	21277 14.6	21277 14.6	21237 14.6	21237 14.6		
P Surface	947 286.7	945 287.3	942 281.0	943 279.3	940 276.2	940 273.6	942 283.6	942 286.8	942 277.7	944 283.8	948 286.0	948 286.0	947 287.2	947 287.2		
1000																
950																
900	374 268.3	367 269.0	ND ND	370 265.7	332 265.0	335 262.6	355 274.8	359 273.3	352 266.7	358 267.4	384 268.0	384 268.0	374 269.3	374 269.3		
850	836 254.1	835 254.5	819 251.7	830 251.6	819 250.9	830 248.7	858 258.0	860 258.2	848 250.5	842 253.9	857 253.6	857 253.6	841 254.0	841 254.0		
800	1324 239.3	1327 240.1	1314 238.0	1335 237.9	1329 237.2	1349 234.6	1385 242.2	1385 242.5	1370 238.0	1350 239.9	1355 239.5	1355 239.5	1334 239.4	1334 239.4		
750	1844 244.5	1851 225.7	1838 224.4	1870 223.7	1869 223.4	1896 221.2	1940 228.8	1939 228.8	1922 223.1	1891 225.8	1887 224.3	1887 224.3	1858 224.5	1858 224.5		
700	2387 209.9	2395 210.7	2384 209.7	2426 209.4	2430 209.9	2469 207.1	2521 213.8	2518 214.4	2495 210.1	2450 210.0	2438 210.0	2438 210.0	2405 209.4	2405 209.4		
600	3586 182.4	3597 182.6	3589 182.5	3648 181.1	3663 181.5	3722 180.3	3790 183.0	3783 182.5	3754 180.3	3688 181.2	3663 182.3	3663 182.3	3616 181.5	3616 181.5		
500	4962 155.6	4974 155.5	4967 155.4	5046 154.2	5070 153.3	5155 151.8	5239 152.1	5227 152.7	5194 152.0	5106 152.8	5067 154.0	5067 154.0	5004 155.9	5004 155.9		
400	6578 128.7	6585 129.0	6584 128.7	6682 128.2	6722 127.2	6839 123.7	6943 122.1	6924 122.5	6885 123.0	6773 125.0	6716 126.3	6716 126.3	6633 127.7	6633 127.7		
300	8548 102.5	8554 102.8	8556 102.6	8670 101.9	8730 100.9	8885 99.1	9021 97.5	8995 97.8	8944 98.5	8799 99.9	8722 100.9	8722 100.9	8619 101.9	8619 101.9		
200	11169 71.8	11161 71.8	11169 72.1	11284 72.6	11370 71.9	11567 71.3	11742 70.6	11709 70.7	11645 70.8	11469 71.3	11367 71.9	11367 71.9	11245 72.2	11245 72.2		
100	15531 36.8	15528 36.7	15544 36.5	15631 36.5	15718 36.5	15874 37.0	15998 37.8	15980 37.7	15922 37.8	15761 37.4	15646 37.5	15646 37.5	15553 37.0	15553 37.0		
20	25570 7.1	25605 7.0	25638 7.0	25880 6.8	26032 6.8	26223 6.7	26325 6.8	26304 6.8	26152 6.9	25878 7.0	25687 7.1	25687 7.1	25582 7.2	25582 7.2		

## LITTLE ROCK, ARKANSAS

## Elevation 79 Meters

Station No. 13963

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1011	315.0	1011	313.1	1007	315.0	1006	324.6	1005	343.2	1005	362.9	1006	370.2	1006	369.2	1007	350.6	1008	337.5	1009	318.2	1011	314.9
1000	91	309.9	90	308.5	54	309.7	52	320.6	38	338.9	38	338.9	51	365.8	54	364.8	60	346.3	70	332.1	70	312.1	85	309.4
950	514	294.3	515	292.1	485	294.6	492	301.1	485	316.1	495	335.5	508	339.3	511	335.7	511	322.4	514	309.8	502	295.2	511	292.9
900	951	279.2	954	276.5	929	278.7	947	284.7	946	298.0	962	311.4	977	316.9	980	314.0	974	301.9	972	290.7	947	277.7	952	275.9
850	1417	262.8	1420	260.2	1398	261.8	1425	266.7	1431	276.6	1455	285.0	1472	291.4	1475	289.4	1463	280.0	1455	269.6	1419	260.5	1420	259.0
800	1909	246.6	1912	244.1	1893	245.1	1928	248.4	1940	252.5	1971	258.0	1990	266.2	1994	265.8	1976	257.6	1963	248.7	1916	244.2	1914	243.0
750	2436	230.2	2438	227.4	2421	228.6	2465	230.3	2483	233.1	2520	236.3	2539	243.2	2543	243.3	2522	235.7	2503	230.6	2449	228.5	2443	227.3
700	2984	214.1	2984	211.8	2969	212.5	3019	213.7	3045	215.5	3091	217.4	3111	221.5	3116	223.1	3090	217.0	3065	212.7	2999	212.6	2991	211.7
600	4199	183.2	4194	182.6	4183	182.4	4248	182.6	4287	183.0	4351	184.0	4375	185.7	4378	187.2	4344	183.5	4308	181.6	4223	181.5	4207	182.3
500	5593	155.1	5584	155.2	5576	154.8	5655	153.8	5710	153.3	5792	152.9	5825	153.8	5826	153.8	5784	152.2	5734	152.9	5631	153.2	5603	154.5
400	7231	128.2	7214	128.5	7210	128.3	7307	127.5	7382	126.6	7491	124.9	7536	124.6	7535	124.3	7480	124.9	7411	125.6	7286	127.0	7249	127.8
300	9227	101.2	9205	101.7	9213	101.0	9323	100.7	9417	99.6	9568	98.2	9629	97.6	9624	97.0	9549	98.4	9457	99.0	9305	100.1	9258	100.9
200	11887	72.3	11818	72.0	11863	71.4	11963	72.4	12078	72.1	12279	71.1	12361	70.6	12352	70.7	12264	70.7	12143	71.3	11966	71.7	11898	72.0
100	16167	37.5	16162	37.1	16240	37.1	16242	36.9	16348	37.1	16519	37.9	16606	38.1	16597	37.8	16524	37.9	16396	37.9	16207	37.5	16160	37.4
50	20354	18.4	20308	18.3	20413	18.5	20502	18.0	20603	18.2	20774	18.0	20889	18.1	20913	18.0	20836	17.9	20628	18.1	20440	18.2	20455	18.3
P Surface	1012	314.9	1013	313.9	1009	315.3	1009	324.8	1007	341.4	1007	361.9	1008	370.6	1008	365.3	1009	349.2	1011	336.3	1011	317.1	1012	315.4
1000	99	309.8	103	308.5	68	309.7	70	320.2	56	336.9	60	357.6	69	363.8	71	360.1	77	341.6	88	328.7	86	311.6	97	309.8
950	521	294.7	527	292.4	495	295.9	506	302.6	501	314.4	512	332.8	522	338.8	524	333.7	524	319.8	529	308.3	514	295.0	521	293.6
900	956	277.9	962	276.8	936	278.5	957	284.0	959	293.2	978	308.6	993	315.3	993	310.3	985	298.8	984	287.7	957	277.3	960	275.8
850	1422	262.3	1429	259.6	1404	261.4	1434	264.1	1442	271.4	1470	282.6	1486	290.3	1486	287.9	1472	277.6	1466	266.5	1427	259.8	1427	258.4
800	1914	245.5	1921	244.2	1899	244.4	1936	246.4	1951	250.3	1986	257.6	2004	266.1	2004	265.2	1985	256.9	1973	247.3	1924	243.3	1921	242.6
750	2442	229.1	2447	228.0	2429	227.3	2472	229.4	2491	231.8	2534	236.5	2553	242.5	2551	243.7	2529	237.5	2513	229.0	2456	227.7	2449	227.3
700	2988	213.0	2993	211.8	2976	211.9	3027	213.0	3054	214.8	3104	218.2	3125	221.7	3123	223.5	3096	218.5	3074	212.3	3007	212.2	2997	212.3
600	4203	182.8	4204	182.8	4191	182.6	4256	182.1	4296	182.8	4362	184.5	4386	185.6	4382	187.1	4350	183.1	4316	181.8	4230	181.5	4214	181.7
500	5600	154.9	5593	154.5	5584	154.9	5662	153.5	5720	153.1	5803	152.5	5834	153.0	5829	153.6	5789	151.7	5744	153.1	5636	153.3	5613	154.2
400	7242	128.0	7226	128.5	7221	128.2	7316	127.1	7394	125.9	7505	124.3	7547	124.1	7539	124.1	7487	122.5	7426	125.7	7292	125.5	7257	127.6
300	9246	101.0	9220	101.5	9220	101.1	9335	100.4	9436	99.2	9586	97.9	9643	97.3	9630	97.5	9557	97.8	9476	99.3	9312	100.1	9267	100.8
200	11874	71.6	11852	71.7	11866	71.1	11983	72.0	12104	71.9	12304	70.9	12383	70.4	12360	70.6	12274	70.6	12169	71.1	11983	71.4	11918	72.0
100	16192	37.2	16219	37.0	16246	36.9	16298	36.7	16402	36.9	16556	37.6	16627	37.7	16592	37.7	16532	37.8	16440	37.8	16283	37.4	16183	37.3
40	21795	14.5	21824	14.4	21908	14.3	22000	14.1	22118	14.2	22264	14.0	22348	14.1	22327	14.1	22232	14.1	22087	14.3	21927	14.4	21782	14.4

0300 G. M. T.

1500 G. M. T.



Station No. 24225

Elevation 401 METERS

MEDFORD, OREGON

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.	Hgt.	N.
P Surface	974	303.7	970	305.0	969	303.5	969	303.7	968	302.8	968	304.4	967	300.7	967	299.2	967	304.5	969	311.9	972	309.9	972	306.7
1000																								
950	202	294.3	178	296.3	162	293.7	170	293.3	159	295.3	164	297.9	160	295.3	158	293.6	159	295.1	172	301.5	193	300.6	186	297.8
900	635	276.6	616	278.0	604	278.0	619	277.9	613	279.4	622	282.4	627	281.8	623	280.5	621	279.3	621	283.0	635	281.2	621	279.5
850	1094	260.3	1079	262.4	1068	263.2	1091	263.1	1091	265.3	1106	267.7	1118	267.9	1114	267.0	1108	265.1	1096	266.7	1105	263.9	1084	262.3
800	1578	244.2	1564	247.0	1555	247.8	1585	248.1	1591	250.1	1611	252.7	1631	252.6	1628	251.9	1618	249.4	1593	249.8	1597	247.7	1571	246.4
750	2093	228.5	2079	230.6	2070	231.5	2109	231.9	2121	232.8	2146	234.7	2176	234.9	2172	234.8	2159	231.5	2124	231.7	2122	230.9	2089	229.8
700	2627	213.1	2615	214.8	2606	215.4	2652	214.8	2670	215.6	2702	215.6	2740	214.1	2736	214.4	2719	213.3	2673	214.7	2667	214.2	2626	213.9
600	3814	184.2	3797	185.3	3788	185.6	3851	183.9	3883	183.2	3929	182.1	3986	181.4	3980	180.3	3958	181.2	3890	183.1	3873	183.2	3817	184.7
500	5174	157.3	5154	158.0	5144	157.9	5227	156.4	5274	155.1	5337	154.1	5414	152.4	5402	152.3	5377	153.2	5289	154.5	5258	155.4	5193	156.9
400	6779	130.6	6747	131.4	6738	131.1	6841	129.9	6907	128.6	6994	127.1	7089	126.1	7072	126.4	7046	126.4	6935	127.7	6889	128.6	6787	130.4
300	8734	103.5	8690	103.8	8690	103.8	8811	102.9	8896	101.8	9012	100.5	9129	99.5	9104	99.8	9078	99.8	8942	100.8	8885	101.5	8750	103.0
200	11330	72.3	11277	72.3	11280	72.0	11409	72.7	11517	72.1	11666	71.7	11800	71.0	11776	70.8	11746	71.2	11586	71.9	11510	72.2	11356	72.4
100	15886	36.2	15681	36.3	15682	36.0	15766	36.2	15886	36.0	16027	36.1	16167	36.4	16157	36.3	16071	36.7	15906	36.9	15824	36.9	15706	36.5
50	19986	18.2	19961	18.3	19932	18.2	20058	18.1	20315	17.9	20401	17.9	20591	17.8	20557	17.8	20417	18.0	20238	18.1	20132	18.4	20027	18.2
P Surface	974	302.9	972	305.2	970	305.6	972	308.2	970	311.2	970	314.7	971	314.7	970	314.6	970	312.2	971	311.5	973	308.4	972	306.1
1000																								
950	206	295.6	185	298.6	174	298.8	187	300.0	179	302.2	183	305.1	184	306.6	181	306.5	179	304.5	183	304.4	200	301.1	191	298.4
900	635	278.0	617	281.5	609	280.8	626	282.1	623	284.7	631	288.1	638	290.1	633	290.8	628	286.4	625	286.3	637	282.8	623	281.3
850	1092	260.2	1078	263.2	1069	263.2	1092	263.7	1094	266.8	1106	269.6	1119	272.6	1115	272.8	1108	266.4	1095	266.6	1103	263.6	1084	262.7
800	1575	244.2	1562	246.7	1552	246.7	1583	246.0	1589	248.1	1608	248.7	1627	249.1	1624	248.2	1614	246.4	1591	247.7	1595	247.0	1570	245.8
750	2089	227.8	2076	230.6	2067	230.8	2105	229.5	2118	230.4	2142	229.8	2170	229.2	2168	228.5	2153	227.6	2119	230.2	2120	230.5	2088	229.7
700	2825	212.7	2612	214.8	2601	215.1	2647	213.6	2666	213.5	2696	212.8	2733	212.1	2730	211.6	2712	211.6	2669	213.4	2662	214.0	2624	214.3
600	3810	184.4	3795	185.8	3784	185.4	3845	183.9	3879	182.9	3923	182.3	3979	180.8	3973	180.0	3949	180.7	3887	182.7	3867	183.5	3814	184.7
500	5170	157.3	5151	158.1	5142	157.9	5219	156.4	5269	155.3	5332	153.8	5407	152.8	5396	151.9	5367	152.5	5285	154.6	5250	155.7	5178	156.9
400	6770	130.7	6743	131.3	6737	131.2	6832	129.8	6902	128.6	6988	126.9	7083	126.2	7065	124.8	7033	126.7	6931	127.6	6877	128.9	6784	130.3
300	8728	103.5	8685	103.9	8683	103.8	8798	103.0	8895	101.6	9004	100.5	9123	99.4	9095	99.9	9061	99.9	8939	100.9	8862	101.8	8746	103.1
200	11319	72.3	11266	72.1	11277	71.8	11402	72.5	11523	72.0	11656	71.5	11801	70.9	11771	70.7	11729	71.0	11577	71.9	11494	72.3	11347	72.3
100	15724	36.3	15665	36.0	15674	35.8	15776	36.0	15908	36.0	16045	35.9	16179	36.3	16163	36.2	16086	36.7	15895	36.7	15802	36.9	15697	36.3
60	19003	21.5	18872	21.4	18923	21.5	19005	21.5	19136	21.4	19297	21.4	19404	21.3	19379	21.3	19266	21.6	19084	21.7	18963	22.0	18900	21.7

## MIAMI, FLORIDA

## Elevation 4 Meters

Station No. 12839

	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
P in mb	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1021	349.7	1020	346.5	1018	350.0	1018	355.9	1016	364.9	1017	376.2	1018	381.6	1016	382.4	1015	382.7	1015	372.8	1017	357.0	1019	353.4
1000	179	341.5	171	337.9	155	341.8	151	348.2	137	356.9	147	367.1	156	370.4	143	372.9	128	372.3	127	365.0	145	348.5	160	344.9
950	621	319.6	612	316.5	599	319.3	598	324.3	588	332.1	599	340.8	607	345.7	597	347.0	582	346.1	578	339.7	592	326.3	604	323.4
900	1079	288.3	1069	292.8	1058	293.7	1059	300.4	1052	302.0	1068	312.3	1078	317.6	1067	318.1	1050	318.8	1043	312.9	1053	302.9	1064	301.1
850	1560	271.9	1549	269.7	1541	269.0	1544	275.1	1540	279.8	1559	287.7	1570	291.7	1560	291.7	1542	292.8	1532	288.4	1538	278.4	1547	277.0
800	2066	246.5	2054	246.0	2049	245.4	2053	250.8	2052	256.1	2074	264.0	2085	267.5	2077	267.8	2060	269.6	2046	264.6	2048	255.7	2054	251.1
750	2606	226.1	2593	225.3	2590	226.7	2596	230.1	2594	235.6	2619	241.8	2630	243.9	2622	245.6	2606	247.5	2590	240.8	2692	235.0	2595	228.9
700	3169	213.1	3153	209.7	3153	210.8	3158	212.1	3160	216.5	3190	223.4	3201	224.5	3195	225.2	3178	226.1	3158	220.0	3157	213.2	3159	212.2
600	4416	182.0	4395	180.7	4399	179.1	4405	181.3	4409	182.7	4444	187.3	4457	189.2	4454	189.7	4438	188.9	4416	185.5	4410	181.9	4407	180.3
500	5848	152.4	5822	148.1	5829	147.6	5835	151.9	5844	153.1	5886	154.5	5900	155.6	5900	155.3	5886	154.9	5860	153.6	5849	153.4	5840	151.4
400	7531	126.0	7499	124.2	7512	123.6	7518	125.4	7535	125.3	7588	125.3	7603	125.6	7606	125.3	7597	125.1	7562	124.9	7543	125.7	7525	125.7
300	9577	99.0	9538	99.5	9563	99.0	9568	99.3	9597	98.3	9669	98.3	9685	98.2	9693	98.0	9689	98.0	9640	97.4	9609	98.0	9580	98.6
200	12249	71.7	12210	71.5	12240	71.5	12243	71.8	12287	71.7	12377	71.5	12396	71.5	12415	71.2	12416	71.1	12349	71.4	12307	71.7	12265	71.7
100	16470	38.9	16440	38.7	16465	38.6	16454	38.2	16506	38.2	16581	38.3	16614	38.2	16622	38.5	16614	38.8	16540	39.1	16467	39.2	16447	38.9
50	20507	18.7	20471	18.6	20559	18.8	20609	18.5	20719	18.3	20806	18.1	20848	18.3	20908	18.0	20805	18.1	20699	18.3	20568	18.3	20515	18.5
P Surface	1022	346.5	1021	342.0	1019	344.3	1018	348.8	1016	356.6	1017	367.7	1018	374.4	1017	375.7	1015	377.2	1015	369.6	1018	354.7	1020	349.2
1000	188	336.7	178	331.9	162	335.3	158	339.7	142	348.3	151	357.9	159	362.6	147	364.0	134	366.6	135	359.5	153	345.1	171	340.7
950	629	317.9	621	315.4	604	317.5	604	322.3	594	329.4	604	338.1	611	342.5	601	346.8	587	344.2	585	337.3	599	325.0	614	321.3
900	1088	296.0	1076	293.3	1065	294.2	1067	301.5	1059	305.8	1073	315.0	1083	316.4	1072	318.5	1058	319.5	1052	312.3	1061	301.8	1074	300.4
850	1569	271.4	1556	269.5	1547	269.0	1552	275.7	1547	280.8	1564	287.7	1575	290.1	1565	291.3	1551	293.1	1541	287.8	1546	277.1	1557	275.2
800	2076	246.2	2062	245.7	2056	246.9	2061	250.9	2060	254.5	2080	262.9	2092	266.3	2083	266.7	2068	268.0	2055	262.7	2056	251.6	2065	248.4
750	2615	225.7	2601	224.9	2597	226.4	2602	227.6	2603	233.2	2625	240.4	2639	243.7	2629	244.0	2615	245.3	2599	240.3	2599	230.8	2605	227.0
700	3180	210.1	3162	209.8	3161	212.4	3167	210.1	3170	214.0	3196	219.8	3210	223.8	3204	224.5	3189	224.7	3170	219.5	3166	213.9	3171	209.6
600	4429	180.3	4405	180.5	4410	179.4	4416	180.9	4422	181.6	4453	185.4	4468	188.4	4465	188.1	4452	186.9	4429	182.8	4420	181.0	4420	179.5
500	5864	152.5	5835	148.8	5843	152.0	5848	151.8	5860	152.5	5898	153.5	5914	155.0	5914	154.4	5904	153.9	5877	152.5	5861	153.2	5855	151.3
400	7549	123.4	7515	124.0	7530	123.3	7535	124.9	7553	125.4	7604	124.7	7622	125.0	7625	124.8	7618	124.4	7584	124.1	7559	122.4	7544	125.4
300	9602	98.8	9561	99.1	9586	98.7	9590	98.6	9621	98.7	9688	98.0	9709	97.9	9717	97.6	9716	97.4	9670	97.1	9631	97.8	9601	98.5
200	12284	71.3	12241	71.1	12272	71.2	12276	71.4	12318	71.4	12404	71.2	12428	71.2	12445	70.9	12451	70.7	12396	70.9	12334	71.4	12287	71.6
100	16524	38.5	16495	38.5	16545	38.3	16543	38.0	16553	38.0	16618	38.1	16645	38.0	16660	38.2	16661	38.5	16593	38.9	16532	38.9	16483	38.6
40	21926	14.4	21936	14.4	21976	14.4	22104	14.2	22157	14.2	22288	14.1	22320	14.1	22344	14.1	22307	14.1	22148	14.2	22007	14.4	21967	14.3

1500 G. M. I.

0300 G. M. I.

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1001	311.7	1001	309.1	996	310.8	996	317.5	994	335.0	995	352.6	995	360.7	996	357.9	997	341.3	998	329.1	997	312.8	999	309.4
1000	3	307.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
950	419	294.5	416	291.7	390	293.1	398	298.5	392	311.1	404	329.8	414	333.9	415	330.5	418	317.8	422	306.3	403	294.2	417	291.2
900	855	278.3	853	275.8	833	277.5	851	282.4	852	291.9	871	307.3	883	311.2	884	309.8	881	298.3	880	287.6	845	277.8	855	274.2
850	1319	261.2	1315	259.3	1299	261.6	1325	265.4	1335	272.5	1362	285.0	1375	288.8	1376	287.4	1368	277.7	1360	268.8	1313	261.2	1318	257.2
800	1809	245.0	1802	243.6	1790	245.4	1824	247.0	1840	251.7	1876	260.6	1891	265.3	1891	263.3	1878	255.1	1865	246.8	1806	244.8	1808	241.7
750	2333	229.6	2324	227.7	2313	229.4	2355	230.0	2377	232.1	2421	238.7	2436	243.2	2437	240.8	2420	234.1	2402	228.8	2334	228.2	2332	226.6
700	2877	213.5	2865	213.3	2857	213.3	2907	213.1	2936	214.4	2988	219.3	3007	222.5	3006	221.0	2985	215.5	2962	213.1	2880	212.7	2876	211.5
600	4085	183.3	4066	183.2	4062	183.6	4127	183.1	4170	182.6	4238	184.2	4262	185.6	4262	186.1	4234	182.3	4199	181.7	4096	182.6	4084	182.5
500	5473	155.4	5448	155.4	5446	155.6	5526	154.4	5586	153.3	5673	153.1	5704	153.1	5704	153.9	5669	152.1	5623	153.9	5494	153.9	5474	154.8
400	7106	128.7	7059	128.9	7072	129.0	7168	127.9	7250	126.6	7366	124.9	7406	124.5	7408	124.5	7359	125.1	7295	126.1	7140	127.4	7110	128.3
300	9102	101.6	9053	102.1	9058	101.8	9172	101.0	9277	99.9	9434	98.5	9488	98.0	9488	97.9	9422	98.2	9337	99.3	9153	100.4	9109	101.3
200	11729	72.2	11670	72.0	11688	71.7	11805	72.3	11926	72.2	12136	71.3	12209	70.9	12208	70.8	12118	71.0	12014	71.4	11805	71.5	11747	72.1
100	16045	37.3	16025	37.0	16044	36.9	16121	36.8	16226	36.9	16395	37.8	16434	37.4	16456	37.4	16364	37.6	16267	37.7	16064	37.2	16016	37.2
80	17327	29.8	17381	30.2	17368	29.9	17416	29.4	17598	29.6	17747	29.9	17803	29.6	17822	29.6	17724	29.7	17614	29.9	ND	ND	17394	29.8
P Surface	1001	311.9	1001	309.3	997	311.0	997	318.1	995	332.3	996	350.6	997	360.0	997	355.1	998	340.7	999	329.0	999	313.6	1001	310.8
1000	8	308.3	6	307.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	302.4
950	428	294.6	425	292.5	398	294.2	410	300.4	401	310.4	418	327.6	426	333.4	424	330.0	430	317.5	434	306.9	414	294.9	426	292.5
900	863	278.7	859	275.3	838	277.3	860	281.9	861	291.0	883	306.7	895	310.0	893	307.7	892	296.0	889	288.6	854	277.0	862	275.1
850	1326	262.4	1320	258.8	1303	260.7	1333	263.5	1342	270.3	1372	283.4	1385	287.2	1384	285.0	1377	274.8	1368	268.2	1321	259.7	1325	258.6
800	1816	246.0	1808	243.0	1793	244.4	1831	245.7	1847	250.4	1884	259.7	1900	263.6	1898	261.2	1886	253.3	1872	248.1	1813	243.2	1815	241.7
750	2340	230.1	2329	227.9	2316	228.0	2362	228.4	2384	232.1	2428	237.3	2444	240.9	2442	239.2	2428	233.9	2410	230.0	2340	227.5	2339	226.6
700	2883	214.2	2869	212.6	2859	212.4	2914	212.2	2942	214.5	2996	219.2	3014	220.9	3012	220.9	2993	215.3	2968	213.0	2887	212.2	2882	211.4
600	4091	183.5	4073	183.2	4064	182.7	4134	182.5	4177	182.2	4246	184.8	4270	184.9	4266	185.1	4241	182.3	4206	182.7	4104	182.4	4089	182.2
500	5479	155.2	5454	155.3	5444	155.2	5535	154.1	5592	153.4	5682	153.1	5713	152.8	5710	153.6	5676	152.4	5627	152.7	5503	154.3	5477	154.6
400	7115	128.3	7080	128.7	7069	128.8	7182	127.4	7258	126.2	7377	124.7	7418	124.3	7414	124.5	7368	124.9	7304	125.9	7153	127.2	7114	128.1
300	9109	101.4	9069	101.9	9058	101.5	9194	100.7	9292	99.7	9449	98.2	9503	97.1	9497	97.8	9432	98.1	9346	99.2	9174	100.3	9114	101.1
200	11732	72.0	11701	71.7	11696	71.3	11831	72.1	11954	72.0	12156	71.0	12229	70.6	12222	70.7	12137	70.8	12034	70.9	11838	71.3	11761	71.9
100	16056	37.0	16062	36.7	16046	36.6	16204	36.5	16279	36.7	16419	37.3	16508	37.4	16494	37.4	16419	37.5	16326	37.5	16154	37.2	16034	37.1
30	23478	10.7	23540	10.7	23601	10.6	23672	10.5	23833	10.4	23974	10.4	24049	10.5	24091	10.5	23996	10.4	23757	10.7	23585	10.7	23456	10.7



## NORTH PLATTE, NEBRASKA

Elevation 849.48 Meters

Station No. 24023

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	918	280.4	918	282.2	916	282.7	916	285.3	916	296.4	915	311.6	918	323.9	918	320.3	918	304.4	917	291.2	918	283.6	917	282.1
1000																								
950																								
900	153	273.6	157	275.1	138	276.3	146	277.2	143	288.3	145	301.1	171	309.3	173	306.9	172	294.1	158	283.9	157	276.0	149	275.3
850	606	256.9	614	257.9	597	259.7	620	260.5	624	268.7	635	278.8	669	285.3	670	282.3	661	271.7	637	264.8	621	258.3	606	257.5
800	1085	242.1	1096	243.0	1081	243.9	1117	245.1	1129	252.2	1151	259.4	1191	263.6	1192	261.9	1175	253.7	1142	246.2	1110	242.6	1090	242.3
750	1598	227.3	1611	228.0	1598	228.6	1646	229.3	1664	235.5	1697	239.4	1744	240.9	1746	242.1	1721	235.0	1680	229.5	1633	227.5	1607	227.7
700	2130	213.0	2146	213.4	2135	213.7	2193	213.7	2221	218.7	2265	220.5	2319	220.4	2320	222.3	2288	216.0	2237	213.6	2173	212.7	2143	213.0
600	3310	185.2	3328	185.3	3322	185.2	3401	184.1	3447	185.2	3515	186.0	3583	184.5	3581	186.2	3537	182.7	3468	182.8	3370	183.6	3330	184.7
500	4662	158.0	4683	158.0	4682	157.7	4783	156.1	4848	155.1	4942	154.3	5026	153.4	5020	154.0	4964	153.1	4875	153.9	4743	156.3	4691	157.3
400	6257	131.2	6272	131.4	6275	131.3	6403	129.4	6491	127.9	6617	126.3	6721	124.8	6714	125.3	6639	124.2	6526	127.3	6356	129.9	6289	130.6
300	8204	103.7	8218	104.1	8221	104.1	8379	102.7	8495	101.2	8658	99.3	8794	97.7	8784	98.5	8682	99.4	8536	100.7	8328	102.5	8247	103.2
200	10807	71.5	10806	71.9	10834	71.4	10974	72.4	11123	72.2	11324	71.8	11505	70.9	11490	71.1	11357	71.3	11183	71.7	10956	71.6	10861	71.9
100	15169	36.4	15209	36.5	15228	36.1	15327	36.3	15487	36.5	15644	36.9	15771	37.5	15754	37.3	15647	37.0	15515	37.3	15300	36.8	15231	36.4
50	19558	18.2	19518	18.4	19531	18.2	19625	18.0	19865	18.0	19940	17.8	20076	17.9	20125	17.9	20000	17.9	19804	18.1	19606	18.2	19552	18.2

0300 G.M.T.

P Surface	918	281.5	919	282.7	916	282.7	918	286.1	917	296.1	917	310.1	920	322.2	919	319.8	920	303.8	918	291.4	919	284.6	918	282.4
1000																								
950																								
900	157	274.9	162	275.9	142	276.5	158	278.5	158	287.9	160	300.7	186	309.5	186	307.2	183	292.1	167	283.5	162	276.9	149	276.2
850	607	257.5	616	258.7	597	260.3	626	261.7	634	269.8	646	278.1	679	283.7	678	281.2	667	272.7	641	264.5	623	258.7	604	258.1
800	1085	242.1	1096	242.8	1079	244.4	1120	245.6	1135	252.5	1159	255.9	1199	260.9	1199	258.3	1179	252.4	1144	246.3	1112	242.8	1087	242.0
750	1596	227.7	1611	227.7	1596	228.6	1646	229.7	1670	234.0	1704	236.6	1751	239.3	1751	238.9	1723	233.8	1680	228.3	1633	227.4	1603	227.4
700	2129	213.2	2145	212.9	2132	213.7	2193	213.6	2225	216.6	2272	219.4	2326	221.1	2326	220.8	2290	215.8	2237	213.1	2173	212.9	2141	213.2
600	3308	185.2	3329	184.8	3320	184.8	3402	184.1	3452	184.3	3523	185.3	3590	186.0	3588	186.2	3538	183.8	3466	182.7	3371	183.8	3329	184.5
500	4661	157.9	4686	157.5	4681	157.5	4785	155.8	4857	155.2	4950	153.6	4950	153.4	5027	153.9	4965	153.0	4873	153.9	4746	156.1	4691	157.1
400	6252	131.2	6281	131.0	6278	131.0	6407	129.1	6504	127.6	6627	125.8	6736	124.6	6722	124.9	6645	124.0	6524	127.1	6362	129.6	6292	130.6
300	8195	103.7	8232	103.9	8224	103.8	8386	102.5	8508	101.0	8670	99.2	8815	97.5	8791	97.9	8687	99.3	8537	100.6	8333	102.4	8247	103.2
200	10808	71.4	10821	71.8	10828	71.1	11002	72.1	11146	71.8	11345	71.3	11536	70.6	11502	70.7	11366	71.2	11190	71.5	10962	71.3	10856	71.8
100	15201	36.1	15231	36.1	15261	35.8	15394	36.0	15531	36.1	15692	36.6	15836	37.2	15792	37.1	15678	37.0	15501	36.8	15340	36.5	15220	36.2
40	20921	14.4	21009	14.3	20946	14.4	21104	14.3	21292	14.2	21422	14.0	21551	14.0	21541	14.1	21414	14.2	21185	14.4	21034	14.4	20946	14.5

1500 G.M.T.

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1021	318.4	1019	323.4	1017	323.4	1016	324.9	1014	326.9	1014	331.2	1014	334.5	1013	335.7	1012	334.1	1015	330.4	1018	327.0	1019	323.6
1000	168	309.7	155	316.5	138	317.1	135	318.3	119	321.8	113	325.8	113	329.3	112	330.1	104	328.8	122	324.2	150	318.3	153	316.4
950	596	291.0	583	297.1	568	297.1	569	299.3	556	301.8	556	304.7	560	303.8	560	304.5	552	304.5	564	300.6	587	296.0	583	296.5
900	1036	271.8	1025	276.9	1011	277.6	1016	277.3	1005	276.7	1008	276.3	1015	267.8	1014	269.3	1008	273.7	1016	277.5	1035	276.0	1025	276.9
850	1503	257.2	1492	257.9	1479	259.4	1491	257.0	1484	257.6	1494	254.7	1508	249.3	1506	249.0	1498	253.0	1497	256.7	1511	258.3	1494	259.4
800	1995	242.6	1983	241.7	1970	242.6	1990	239.6	1989	239.6	2005	236.8	2027	233.9	2023	234.4	2014	238.5	2002	239.8	2011	241.2	1988	241.4
750	2520	227.2	2512	226.5	2496	226.6	2522	223.9	2525	225.1	2550	221.6	2580	218.0	2574	219.9	2561	223.4	2541	225.0	2545	225.2	2515	225.1
700	3064	211.0	3048	211.4	3039	211.4	3072	210.0	3081	209.4	3113	205.9	3150	205.1	3144	205.6	3129	208.1	3099	210.6	3097	210.4	3060	210.5
600	4268	182.3	4247	183.1	4241	183.4	4287	181.5	4310	181.3	4359	179.1	4414	178.7	4403	177.7	4383	170.2	4335	180.7	4323	181.5	4269	182.2
500	5650	155.4	5625	156.1	5618	156.3	5679	154.6	5717	153.5	5789	151.1	5859	146.2	5842	146.9	5821	147.1	5753	153.0	5731	153.7	5657	154.9
400	7273	129.3	7237	129.7	7236	129.7	7313	128.5	7369	127.4	7468	125.2	7557	122.7	7529	123.4	7509	125.1	7422	126.6	7384	127.5	7284	128.9
300	9251	102.5	9209	102.8	9212	102.8	9300	102.0	9381	100.6	9510	99.3	9622	98.2	9586	98.6	9561	98.8	9451	99.9	9394	100.7	9269	101.9
200	11854	72.2	11816	72.1	11824	72.3	11911	72.4	12035	72.0	12191	71.3	12337	70.5	12286	70.5	12259	70.7	12120	71.6	12046	72.1	11893	72.0
100	16186	36.7	16167	36.6	16182	36.5	16235	36.4	16349	36.5	16509	36.7	16618	37.3	16594	36.8	16558	37.4	16405	37.4	16331	37.8	16210	36.8
60	19337	22.2	19278	21.9	19313	22.0	19374	21.8	19532	21.7	19692	21.6	19792	21.7	19795	21.6	19725	21.9	19539	22.0	19398	22.2	19375	22.1
P Surface	1022	318.6	1020	323.0	1018	322.3	1018	326.8	1015	328.5	1015	333.1	1015	335.3	1015	336.7	1014	335.3	1016	329.7	1019	325.3	1020	322.3
1000	174	311.2	159	317.0	144	316.9	145	320.5	126	323.3	121	326.9	122	330.3	122	331.3	116	328.8	132	324.4	157	318.2	158	315.6
950	599	291.2	584	297.6	571	296.7	575	300.9	561	304.6	559	307.5	563	310.7	566	311.1	558	307.5	570	302.7	591	296.4	585	296.1
900	1037	271.6	1024	277.1	1012	276.8	1020	277.8	1007	280.6	1009	280.4	1016	270.0	1018	273.3	1013	276.8	1019	278.9	1037	275.3	1026	276.1
850	1504	255.6	1490	257.8	1479	259.2	1493	257.6	1484	259.0	1494	256.5	1508	248.1	1508	249.5	1501	254.1	1498	258.5	1511	257.5	1495	257.6
800	1995	242.6	1980	242.0	1970	242.1	1991	241.2	1988	241.0	2004	238.0	2025	232.8	2024	233.4	2014	237.4	2001	240.6	2011	240.2	1988	241.3
750	2519	225.8	2503	226.1	2493	227.7	2522	225.7	2524	224.2	2548	222.1	2576	219.3	2574	217.8	2561	223.7	2540	224.4	2546	224.4	2514	226.0
700	3063	211.2	3044	211.4	3036	211.9	3072	210.6	3079	209.0	3111	207.7	3147	206.8	3142	204.0	3127	209.0	3096	209.8	3098	210.0	3059	211.2
600	4267	182.5	4243	183.5	4238	183.2	4286	182.3	4307	181.1	4358	180.3	4408	178.4	4400	178.4	4380	178.8	4332	180.3	4323	180.9	4266	182.5
500	5649	155.3	5617	156.4	5616	156.0	5678	154.9	5714	153.7	5788	152.0	5852	146.2	5838	147.0	5816	147.1	5749	152.9	5726	153.8	5649	155.4
400	7269	129.3	7230	129.7	7233	129.6	7311	128.5	7368	127.1	7469	125.2	7549	122.7	7527	123.3	7503	123.4	7415	126.7	7379	127.2	7276	128.9
300	9241	102.6	9200	102.7	9203	102.7	9301	101.9	9384	100.4	9516	99.1	9614	98.1	9581	98.6	9557	98.7	9448	99.8	9393	100.7	9262	101.9
200	11848	72.2	11805	71.9	11818	72.0	11916	72.2	12032	71.8	12198	71.1	12328	70.4	12287	70.4	12254	70.6	12107	71.6	12040	72.0	11877	72.0
100	16225	36.9	16181	36.2	16193	36.2	16265	36.3	16402	36.2	16549	36.6	16645	37.1	16631	36.9	16577	37.2	16411	37.2	16318	37.2	16232	36.7
40	21922	14.5	21904	14.2	21905	14.4	22005	14.3	22117	14.2	22300	14.1	22418	14.0	22392	14.0	22318	14.1	22074	14.4	21963	14.5	21890	14.5

## Station No. 13967

## Elevation 391 Meters

## OKLAHOMA CITY, OKLAHOMA

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	973	299.6	973	301.0	969	300.6	969	307.7	967	328.8	967	346.6	969	351.6	969	345.0	970	330.5	971	316.4	972	301.7	972	299.2
1000																								
950	196	291.3	193	291.9	160	292.7	162	300.1	153	318.8	154	334.9	176	338.9	180	330.8	185	319.5	185	307.4	187	292.2	188	290.9
900	630	274.5	633	275.5	606	276.4	619	282.9	616	297.4	626	311.0	650	313.5	654	306.7	652	298.4	645	287.5	632	275.3	629	273.7
850	1093	258.3	1098	258.8	1075	260.0	1098	265.7	1102	276.6	1121	287.1	1148	290.7	1153	285.3	1144	277.3	1130	268.6	1103	258.6	1097	256.4
800	1584	242.1	1590	242.0	1570	242.8	1602	247.5	1613	254.8	1640	260.9	1670	265.7	1676	263.9	1660	257.0	1640	248.7	1601	242.5	1591	240.3
750	2108	226.6	2115	226.0	2096	226.6	2139	229.2	2157	233.7	2192	237.3	2223	241.8	2227	242.1	2209	236.5	2183	229.7	2132	226.6	2119	225.2
700	2652	211.5	2661	211.0	2645	210.7	2696	212.7	2720	214.8	2766	217.9	2799	221.9	2804	221.5	2778	217.3	2747	211.7	2683	211.3	2666	210.2
600	3859	182.6	3868	182.6	3855	182.3	3926	181.5	3964	182.8	4029	183.4	4066	186.1	4069	186.2	4037	182.3	3991	181.6	3905	181.8	3880	181.5
500	5246	155.5	5253	155.5	5240	155.4	5330	153.9	5384	153.7	5471	152.9	5518	153.0	5518	152.9	5478	151.9	5417	152.7	5304	153.7	5273	154.6
400	6875	128.7	6877	129.1	6869	127.8	6975	127.6	7050	126.4	7165	124.8	7230	124.2	7229	123.8	7175	125.0	7093	126.0	6950	127.2	6909	128.2
300	8869	101.7	8865	102.1	8857	101.8	8980	101.0	9078	99.8	9236	98.4	9320	97.4	9319	97.0	9241	98.0	9136	99.2	8963	100.4	8912	101.2
200	11499	72.1	11479	71.5	11500	71.4	11620	72.3	11742	72.1	11945	71.1	12050	70.7	12046	70.7	11948	70.9	11816	71.4	11624	71.5	11549	72.2
100	15797	37.2	15829	37.2	15862	36.7	15943	36.8	16017	37.0	16198	37.9	16271	38.1	16275	37.9	16192	37.8	16064	37.8	15907	37.5	15808	37.5
60	18924	22.1	18952	22.5	18973	22.5	19019	21.8	19194	21.9	19329	21.8	19387	21.8	19414	21.8	19315	21.8	19173	22.1	19005	22.1	18933	22.2
P Surface	974	300.3	974	301.4	971	301.0	970	309.7	969	327.3	969	343.6	971	349.2	971	346.0	972	331.5	972	318.2	973	302.5	973	300.7
1000																								
950	202	291.6	202	292.7	171	293.4	174	301.3	171	317.5	173	332.1	194	336.0	197	331.4	201	319.2	199	307.9	194	292.7	194	292.1
900	633	273.9	638	275.4	612	275.6	627	282.5	631	295.5	641	307.0	666	310.1	668	306.9	665	297.2	655	287.7	637	274.3	632	274.2
850	1095	258.6	1103	258.6	1080	258.9	1105	263.1	1115	272.3	1135	282.2	1162	286.7	1165	283.6	1154	277.0	1139	268.1	1108	257.5	1099	256.3
800	1585	241.7	1595	241.7	1574	241.8	1609	245.8	1626	252.1	1653	258.4	1683	264.4	1685	262.9	1669	255.9	1648	248.9	1605	241.1	1593	240.3
750	2109	227.0	2119	226.0	2101	226.2	2145	229.1	2169	232.5	2204	238.1	2233	243.8	2235	242.4	2216	235.8	2188	229.9	2134	225.8	2120	224.8
700	2653	212.0	2665	210.8	2649	211.5	2702	212.6	2732	215.6	2777	218.6	2808	223.8	2811	222.5	2785	217.8	2753	212.4	2687	210.6	2669	210.2
600	3860	183.0	3873	182.1	3858	182.7	3929	182.3	3975	183.8	4037	184.0	4072	186.4	4072	185.9	4041	183.2	3996	181.3	3910	180.9	3883	181.5
500	5247	155.8	5260	154.6	5243	155.2	5334	154.1	5395	153.6	5480	153.6	5522	153.6	5520	153.1	5480	152.2	5421	152.7	5312	153.7	5277	154.4
400	6875	128.7	6885	128.0	6872	128.6	6982	127.6	7063	126.4	7177	124.7	7234	124.4	7230	124.2	7177	124.7	7098	125.8	6960	126.1	6915	128.2
300	8862	101.7	8866	102.1	8864	101.6	8994	100.8	9096	99.8	9254	97.6	9330	97.4	9320	97.6	9249	98.4	9142	99.2	8976	100.5	8914	101.2
200	11505	71.6	11503	71.7	11508	71.0	11630	72.2	11755	72.0	11969	70.9	12069	70.5	12047	70.7	11966	70.7	11821	71.3	11641	71.5	11557	71.9
100	15820	36.9	15862	36.9	15914	36.6	15959	36.5	16086	36.8	16220	37.6	16299	37.9	16291	37.7	16216	37.8	ND	ND	15937	37.4	15870	37.1
50	20059	18.3	20115	18.2	20157	18.2	20256	18.2	20366	18.0	20525	17.7	20565	17.8	20601	17.7	20479	17.9	20347	18.0	20182	18.2	20085	18.3

0300 G.M.T.

1500 G.M.T.



## Station No. 14942

## Elevation 403 Meters

## OMAHA, NEBRASKA

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	
P Surface	983 299.9	983 300.6	979 302.2	979 305.0	977 318.0	976 335.5	979 345.4	979 347.7	980 329.2	980 314.9	980 302.1	981 300.4	167 300.4	178 309.7	173 326.8	641 304.1	637 290.0	619 282.6	595 274.8	590 273.8	1044 257.1	1053 258.7	1036 260.3	
1000																								
950	171 289.3	175 289.7	147 291.6	154 293.3	145 303.9	142 319.2	169 325.6	173 326.8	178 309.7	167 300.4	159 290.6	164 289.4												
900	593 273.0	600 274.2	579 276.3	599 278.2	601 287.4	606 300.6	637 304.9	641 304.1	637 290.0	619 282.6	595 274.8	590 273.8												
850	1044 257.1	1053 258.7	1036 260.3	1068 262.6	1079 270.0	1094 280.5	1130 282.7	1134 282.2	1121 270.8	1098 264.7	1056 258.8	1044 257.9												
800	1523 241.9	1531 243.4	1518 244.7	1561 245.7	1581 251.7	1606 258.1	1647 258.0	1651 259.7	1630 249.1	1601 248.1	1542 243.2	1526 242.1												
750	2034 227.2	2043 227.7	2035 229.4	2088 229.2	2115 233.4	2151 237.3	2195 236.1	2199 237.2	2174 231.3	2138 230.0	2062 227.8	2041 227.0												
700	2567 213.0	2577 213.2	2569 214.3	2633 213.8	2670 216.6	2717 218.0	2767 218.0	2770 217.6	2737 213.9	2694 213.1	2601 212.6	2575 212.5												
600	3747 185.1	3759 184.9	3755 184.7	3840 183.6	3894 183.7	3966 183.6	4026 183.6	4027 184.4	3981 182.0	3925 182.5	3797 183.4	3760 184.4												
500	5103 157.8	5114 157.7	5117 157.6	5222 155.8	5296 154.5	5395 153.0	5468 152.4	5466 153.1	5406 152.6	5335 153.7	5172 156.5	5121 157.3												
400	6698 131.1	6709 131.2	6713 131.0	6845 129.2	6945 127.5	7075 125.8	7166 124.8	7162 125.0	7083 126.4	6991 127.1	6788 129.4	6721 130.7												
300	8649 103.3	8660 103.9	8661 103.6	8821 102.5	8955 101.0	9122 99.0	9238 97.7	9230 98.0	9126 99.3	9008 100.4	8765 102.2	8681 103.1												
200	11265 71.3	11247 71.6	11273 71.2	11430 72.3	11592 72.3	11803 71.6	11950 70.9	11939 71.0	11800 71.4	11663 71.8	11398 71.3	11299 71.6												
100	15640 36.2	15674 36.1	15706 36.2	15798 36.2	15936 36.4	16112 36.9	16218 37.3	16211 37.2	16093 37.0	15964 37.0	15771 36.5	15674 36.3												
50	19972 18.0	19984 18.2	20014 18.2	20112 18.0	20307 18.0	20490 17.8	20541 17.8	20585 17.9	20421 17.9	20267 18.2	20132 18.0	19955 18.1												
P Surface	983 300.0	984 300.7	979 298.1	980 305.0	979 317.9	978 335.1	980 343.1	981 344.4	982 324.7	981 313.6	981 302.2	982 300.7												
1000																								
950	173 290.2	180 290.3	151 291.8	162 294.0	157 304.2	156 319.5	180 325.4	183 325.0	188 308.7	177 300.4	165 291.2	167 290.1												
900	593 273.8	601 274.3	580 276.3	604 278.0	610 286.2	616 298.9	647 303.4	648 302.2	643 288.9	624 282.2	596 274.4	590 273.8												
850	1043 257.3	1054 258.7	1035 260.2	1071 260.7	1086 267.9	1103 275.8	1139 279.5	1140 278.6	1126 268.1	1101 264.4	1056 258.0	1045 257.4												
800	1522 241.9	1533 243.1	1518 244.0	1563 244.6	1588 249.1	1614 254.3	1655 257.8	1656 256.7	1635 248.2	1604 246.6	1542 242.3	1527 241.4												
750	2031 227.0	2046 227.8	2035 228.4	2089 229.2	2122 232.1	2160 235.9	2204 236.7	2204 237.4	2176 231.0	2142 230.0	2063 226.8	2042 226.6												
700	2565 212.7	2579 213.3	2570 213.5	2636 213.6	2676 215.4	2725 218.4	2774 217.9	2774 218.3	2740 214.2	2697 213.8	2602 212.2	2577 212.2												
600	3745 184.6	3761 184.8	3758 184.7	3844 183.6	3902 183.5	3975 184.8	4033 184.0	4030 184.7	3984 182.8	3927 182.7	3798 183.5	3763 184.3												
500	5101 157.5	5119 157.7	5121 157.3	5227 155.6	5307 154.3	5405 153.5	5477 152.7	5469 153.1	5411 153.0	5338 153.8	5173 156.0	5127 157.1												
400	6696 130.8	6715 130.9	6720 130.7	6852 129.1	6959 127.4	7089 125.6	7179 124.6	7167 124.7	7090 124.9	6996 126.9	6789 129.5	6730 130.4												
300	8649 103.3	8668 103.7	8672 103.6	8832 102.3	8969 100.8	9145 99.2	9258 97.4	9240 97.8	9136 99.2	9016 100.4	8764 102.2	8689 103.1												
200	11266 71.2	11262 71.5	11286 70.9	11445 72.0	11612 71.8	11832 71.4	11979 70.6	11952 70.8	11813 71.3	11674 71.5	11399 71.2	11300 71.5												
100	15680 36.0	15682 35.9	15724 35.7	15853 35.8	15952 36.2	16166 36.6	16292 36.9	16255 37.0	16132 36.8	15998 36.9	15781 36.2	15711 36.0												
50	20029 17.9	20078 17.9	20071 17.9	20202 17.9	20351 17.9	20480 17.7	20597 17.6	20595 17.7	20463 17.8	20313 17.9	20123 18.0	20059 18.0												

## PHOENIX, ARIZONA

Elevation 338 Meters

Station No. 23183

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	977	299.3	976	297.4	973	290.4	971	289.0	969	283.3	968	286.0	969	312.5	970	318.0	969	317.6	972	306.0	976	301.8	977	301.4
1000																								
950	241	284.8	232	281.0	206	277.4	193	277.5	174	273.3	168	277.2	179	301.6	188	303.4	184	298.1	204	285.8	234	283.1	239	284.6
900	688	268.5	685	265.9	664	262.6	660	262.1	647	259.5	649	262.7	666	283.3	673	284.8	665	278.9	673	269.2	692	266.9	690	267.3
850	1159	254.9	1161	252.8	1144	250.0	1150	249.7	1143	247.7	1153	250.6	1175	267.6	1180	269.9	1169	263.8	1166	256.4	1175	253.0	1167	253.5
800	1654	240.2	1660	238.9	1646	237.0	1662	236.6	1661	235.0	1679	235.5	1706	252.2	1709	255.1	1696	249.0	1682	242.8	1680	239.1	1667	239.1
750	2182	225.7	2189	224.9	2179	223.5	2203	223.8	2209	222.5	2236	223.0	2266	238.0	2268	239.3	2254	233.0	2229	228.2	2219	224.2	2199	224.3
700	2726	210.8	2736	210.4	2728	209.4	2761	210.2	2773	208.6	2810	210.0	2848	221.9	2848	222.9	2830	216.3	2793	211.4	2773	208.3	2749	209.3
600	3934	181.8	3945	182.2	3942	181.6	3990	180.9	4015	179.8	4073	181.8	4121	188.1	4118	187.4	4095	182.9	4039	179.4	4005	180.8	3969	181.3
500	5318	155.2	5329	155.2	5332	152.2	5393	154.0	5432	152.2	5516	152.9	5573	154.7	5567	153.9	5541	152.4	5466	152.0	5415	154.0	5366	154.7
400	6941	129.0	6953	129.3	6962	128.6	7036	128.0	7092	125.5	7210	124.8	7283	124.4	7276	124.4	7242	122.4	7142	126.1	7073	125.7	7007	128.4
300	8925	102.0	8938	102.2	8951	101.9	9037	101.3	9110	100.4	9269	98.6	9372	97.7	9363	97.1	9314	97.8	9181	99.3	9088	100.4	9004	101.3
200	11553	71.6	11556	71.8	11580	72.2	11660	72.5	11756	72.1	11954	71.4	12094	71.0	12087	70.9	12025	70.8	11861	71.3	11746	71.8	11633	72.1
100	15863	37.0	15888	37.2	15920	37.1	15982	37.0	16051	37.1	16169	37.9	16291	38.5	16319	38.1	16259	38.2	16122	37.8	16026	38.1	15945	37.7
60	18967	22.2	18964	22.6	19063	21.8	19110	22.1	19201	22.0	19323	21.8	19469	21.8	19469	21.8	19372	22.0	19201	22.3	19072	22.4	19030	22.4
P Surface	979	301.7	978	302.1	975	297.4	975	295.4	973	290.8	972	290.7	973	323.5	973	328.8	973	319.9	975	306.0	978	301.5	978	302.1
1000																								
950	252	287.6	246	286.0	227	283.8	223	282.8	205	280.1	202	279.1	219	311.7	223	312.8	212	305.7	225	291.2	251	285.4	250	286.6
900	694	270.2	691	268.1	676	266.9	679	266.6	668	264.8	674	263.6	695	291.5	697	292.1	685	282.8	687	273.4	701	267.6	695	268.8
850	1162	255.3	1163	253.8	1151	252.7	1163	252.9	1157	251.5	1171	249.4	1197	273.1	1198	273.6	1184	267.1	1176	257.8	1179	252.8	1168	254.5
800	1654	240.5	1659	240.0	1649	239.4	1670	238.9	1670	237.0	1692	236.1	1723	255.6	1723	256.9	1707	250.5	1688	242.2	1682	238.2	1666	239.0
750	2180	225.1	2188	225.5	2177	223.9	2209	224.3	2214	223.2	2245	222.3	2279	240.5	2281	242.0	2261	233.8	2233	226.5	2219	222.4	2197	224.3
700	2724	210.2	2734	210.2	2726	209.4	2765	209.4	2777	208.0	2817	210.2	2858	223.4	2857	224.3	2835	216.7	2795	210.8	2773	208.0	2746	209.4
600	3931	181.8	3943	182.1	3939	181.6	3994	180.1	4017	179.8	4077	182.4	4128	188.9	4123	188.9	4097	183.4	4039	180.2	4003	180.2	3964	180.3
500	5313	154.9	5329	154.8	5330	152.1	5398	153.6	5434	149.2	5519	153.1	5577	154.1	5571	153.5	5540	152.0	5463	152.1	5413	149.8	5360	155.0
400	6940	128.2	6953	128.9	6960	128.6	7044	128.0	7096	125.3	7214	122.8	7285	124.0	7278	124.6	7240	122.4	7138	125.9	7071	125.8	6997	128.4
300	8924	102.0	8935	102.2	8945	101.9	9046	101.2	9118	100.4	9274	98.5	9373	97.1	9364	98.0	9311	97.9	9177	99.4	9087	100.6	8996	101.4
200	11551	71.7	11568	71.6	11564	71.7	11673	72.4	11768	71.9	11967	71.2	12099	70.7	12088	70.8	12024	70.7	11855	71.3	11746	71.8	11632	72.2
100	15898	37.0	15917	37.0	15923	36.7	16004	36.7	16089	36.8	16220	37.6	16313	38.1	16317	38.1	16269	38.2	16132	37.7	16008	37.8	15950	37.5
60	18980	22.4	18966	22.5	19140	21.5	19154	22.0	19241	21.8	19331	21.7	19428	21.8	19436	21.7	19359	21.8	19230	22.0	19083	22.3	19025	22.4

1500 G. M. T.

0300 G. M. T.

# PITTSBURGH, PENNSYLVANIA

Elevation 353 Meters

Station No. 14762

	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		
	P	in mb	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	
P Surface	974	299.7	973	298.4	970	298.4	971	300.7	970	313.6	971	328.4	973	337.7	973	332.8	975	322.8	975	312.4	972	301.6	974	298.6	
1000																									
950	950	234	291.7	223	290.8	205	291.1	216	293.6	212	305.1	224	317.8	237	325.9	241	320.8	252	311.2	253	302.0	215	293.4	229	290.9
900	900	659	276.6	649	275.4	638	276.2	656	277.3	661	286.1	684	297.2	700	303.2	702	301.0	705	291.2	702	284.0	651	277.4	658	275.1
850	850	1113	260.8	1100	260.0	1096	260.5	1122	261.2	1138	269.3	1169	278.2	118	282.3	1189	280.3	1187	272.6	1178	265.3	1112	261.2	1112	259.2
800	800	1593	245.1	1576	244.1	1577	244.9	1613	245.2	1638	251.3	1678	255.9	1699	260.7	1699	259.8	1692	251.7	1678	246.6	1597	244.2	1592	243.6
750	750	2109	229.3	2085	228.9	2092	229.3	2136	229.9	2171	232.9	2220	236.3	2244	237.1	2243	237.8	2232	232.1	2212	229.2	2118	228.1	2104	228.2
700	700	2639	214.1	2614	214.1	2624	213.9	2676	214.1	2721	216.1	2780	217.1	2806	218.0	2803	217.1	2789	213.9	2764	212.7	2656	213.1	2635	213.2
600	600	3826	185.0	3792	185.5	3810	184.7	3877	184.5	3941	183.7	4021	183.9	4053	183.7	4047	182.5	4027	181.8	3990	182.4	3855	184.1	3820	184.5
500	500	5192	156.9	5146	157.7	5170	157.2	5255	156.4	5342	154.1	5447	153.9	5487	152.5	5478	152.4	5451	152.7	5400	153.7	5233	155.6	5183	156.9
400	400	6802	129.9	6744	131.1	6775	130.5	6877	129.4	6993	127.4	7128	126.0	7178	125.1	7164	125.4	7129	125.6	7058	126.8	6860	128.7	6793	130.1
300	300	8775	102.5	8698	103.2	8733	102.8	8856	102.2	9004	100.7	9181	99.2	9244	98.0	9224	98.3	9180	99.0	9084	100.1	8852	101.3	8767	102.5
200	200	11388	71.9	11325	71.6	11359	71.2	11478	71.9	11655	72.2	11870	71.5	11950	70.9	11928	70.7	11868	71.3	11756	71.4	11500	71.4	11402	71.8
100	100	15739	36.8	15747	36.1	15763	36.2	15844	36.1	16011	36.4	16184	36.9	16248	36.8	16256	36.8	16183	37.1	16029	36.9	15790	36.4	15764	36.5
80	80	17126	29.6	17171	29.3	17155	29.1	17215	28.9	17397	29.1	17565	29.3	17638	29.2	17639	29.0	17558	29.2	17404	29.4	17181	29.1	17131	29.1
P Surface	975	300.2	974	298.8	971	298.4	972	299.9	971	311.6	972	326.4	974	336.0	974	333.6	976	321.0	976	313.0	972	301.3	975	299.3	



PORTLAND, MAINE

Elevation 20 Meters

Station No. 14764

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1016	310.4	1014	308.7	1012	310.5	1012	314.5	1012	323.6	1012	335.3	1012	347.8	1014	348.4	1016	335.5	1017	324.0	1013	315.1	1015	310.6
1000	125	304.4	110	303.6	96	305.0	101	308.7	100	318.0	103	329.5	105	242.5	114	342.4	133	329.3	141	316.5	107	308.9	116	304.8
950	532	289.5	517	288.9	510	288.7	522	291.0	531	298.7	543	306.5	553	318.3	560	316.9	570	306.2	573	296.4	527	292.5	527	289.4
900	953	275.0	935	274.3	937	273.8	957	276.1	976	282.0	998	288.9	1012	298.0	1018	297.1	1024	287.5	1018	279.6	961	276.4	950	274.4
850	1399	259.2	1379	259.2	1389	258.7	1415	261.0	1447	265.4	1477	271.1	1497	277.6	1501	278.2	1501	267.4	1488	261.6	1419	260.4	1399	259.3
800	1871	243.9	1848	244.0	1865	244.0	1897	245.2	1941	249.0	1980	253.5	2006	256.5	2008	257.7	2002	248.7	1984	244.4	1903	244.1	1872	244.2
750	2377	228.7	2352	229.4	2372	228.7	2410	229.5	2468	231.9	2514	233.9	2546	235.8	2546	237.4	2537	230.4	2513	228.1	2420	228.4	2378	228.8
700	2903	214.2	2874	214.7	2900	214.2	2944	214.1	3014	215.5	3069	215.6	3106	216.5	3105	217.6	3091	213.2	3062	212.1	2956	213.4	2904	214.2
600	4075	185.6	4037	186.8	4071	186.0	4128	185.2	4225	184.2	4299	183.4	4346	183.4	4342	183.9	4321	181.7	4281	182.0	4149	184.4	4072	186.0
500	5425	158.2	5376	159.3	5416	158.7	5487	157.4	5615	155.3	5711	154.1	5772	153.3	5764	153.5	5736	153.7	5681	153.9	5519	156.3	5416	158.5
400	7016	131.2	6953	131.6	7000	131.9	7087	130.8	7246	128.6	7373	127.1	7454	125.9	7438	126.3	7400	126.7	7326	127.8	7136	129.5	7001	131.0
300	8965	103.4	8890	103.9	8935	103.8	9043	103.2	9242	101.6	9399	99.9	9508	99.2	9479	99.2	9435	99.6	9332	101.0	9121	101.9	8942	103.3
200	11580	71.7	11484	70.9	11547	70.9	11658	71.1	11872	72.2	12062	71.7	12194	71.3	12163	70.8	12110	71.5	11980	71.8	11748	71.5	11550	71.2
100	15989	36.3	15971	35.8	15949	35.7	16067	35.6	16218	36.1	16405	36.3	16530	36.4	16515	36.3	16435	36.7	16297	36.9	16107	36.4	15960	36.0
80	17386	29.0	17399	28.8	17374	28.7	17475	28.7	17671	28.8	17795	28.8	17927	28.8	17925	28.8	17814	29.0	17688	29.3	17470	29.2	17379	29.0
P Surface	1017	309.8	1015	307.6	1013	307.3	1013	311.3	1013	320.0	1013	333.8	1013	343.0	1014	343.4	1017	333.2	1018	322.6	1014	314.7	1015	309.5
1000	131	304.0	114	302.6	101	301.8	105	305.2	104	313.5	109	325.4	111	334.0	122	334.2	141	323.7	149	313.0	114	307.8	121	303.7
950	538	289.3	519	288.6	514	288.2	527	291.1	537	296.8	548	307.7	558	315.3	566	314.3	578	304.3	579	296.3	534	293.0	531	289.3
900	959	274.5	938	274.1	941	273.7	962	276.9	982	280.2	1003	289.7	1019	296.0	1025	294.2	1030	286.2	1025	278.7	968	276.4	956	274.3
850	1406	259.3	1382	258.9	1392	258.3	1420	261.3	1452	264.0	1482	270.5	1503	274.4	1507	274.0	1507	266.8	1495	260.0	1427	260.5	1404	258.7
800	1879	243.7	1852	243.7	1869	243.0	1903	245.2	1947	246.8	1986	251.0	2011	252.1	2014	253.2	2008	247.3	1991	242.6	1911	244.4	1879	243.1
750	2385	228.7	2355	228.9	2377	228.2	2418	229.2	2473	230.8	2521	232.6	2553	233.0	2552	233.5	2542	228.9	2521	226.1	2428	228.6	2384	228.2
700	2913	214.3	2880	214.4	2906	214.1	2954	213.9	3021	214.7	3079	214.6	3113	215.2	3111	215.5	3099	213.1	3072	210.6	2966	213.3	2912	213.7
600	4087	185.6	4046	186.5	4079	185.5	4144	184.5	4236	183.5	4313	183.1	4356	182.4	4351	181.8	4331	181.9	4294	181.2	4160	184.1	4082	185.6
500	5438	158.0	5388	158.9	5427	158.1	5513	156.6	5632	154.9	5731	153.3	5787	153.0	5777	152.5	5748	153.4	5697	153.6	5538	156.1	5428	158.4
400	7030	131.0	6976	131.7	7018	131.2	7120	129.3	7275	128.0	7403	126.4	7476	125.1	7458	125.5	7419	126.4	7348	127.4	7161	129.1	7020	130.6
300	8984	103.1	8923	103.7	8969	103.1	9085	102.7	9277	101.0	9442	99.3	9539	98.3	9512	98.7	9458	99.3	9361	100.6	9146	101.8	8968	103.0
200	11595	71.2	11537	70.7	11584	70.5	11712	70.7	11924	71.5	12122	71.3	12238	70.8	12210	70.6	12134	71.1	12013	71.6	11773	71.4	11587	71.0
100	16016	35.8	15986	35.5	16069	35.5	16176	35.5	16338	35.7	16508	35.9	16618	36.0	16592	36.1	16497	36.5	16345	36.8	16143	36.3	16013	35.8
60	19202	21.6	19259	21.5	19209	21.6	19401	21.3	19611	21.3	19704	19.8	19818	21.2	19828	21.2	19677	21.4	19525	21.7	19409	21.7	19236	21.6

# RAPID CITY, SOUTH DAKOTA

Station No. 24090

Elevation 966 Meters

P in mb	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N
P Surface	902 275.2	902 275.6	902 277.3	902 278.8	902 287.8	902 300.8	904 307.0	903 298.9	904 287.7	903 281.1	903 277.6	902 275.4
1000												
950												
900	28 274.9	34 274.6	27 276.1	30 276.6	26 284.0	27 296.0	45 302.6	44 295.9	51 285.3	36 277.9	35 275.2	21 274.2
850	476 257.2	485 257.9	481 259.7	499 259.4	504 265.2	513 274.5	542 276.8	541 273.6	537 266.6	511 260.5	496 258.5	474 257.3
800	953 242.6	964 242.9	962 244.4	993 245.4	1007 250.5	1024 256.6	1063 258.3	1062 255.1	1047 251.1	1011 244.9	982 242.8	955 242.4
750	1461 228.4	1474 228.3	1474 228.8	1517 230.5	1540 234.7	1567 239.2	1616 239.3	1615 237.7	1589 234.1	1547 229.2	1500 228.2	1467 228.1
700	1990 214.1	2004 214.0	2008 214.0	2062 215.1	2092 218.0	2129 220.6	2189 220.2	2187 220.0	2151 216.3	2097 214.2	2039 213.3	2000 213.5
600	3161 186.2	3177 185.8	3187 185.5	3263 185.0	3310 185.1	3369 185.5	3448 185.4	3445 185.9	3393 184.2	3321 183.5	3229 184.5	3179 185.2
500	4503 159.1	4523 158.3	4539 158.3	4637 156.6	4707 155.5	4787 154.2	4885 153.7	4879 153.4	4812 154.0	4720 154.6	4598 156.6	4531 157.9
400	6083 132.4	6104 132.0	6129 131.7	6249 129.9	6344 128.3	6453 126.5	6574 125.4	6565 125.5	6479 126.6	6364 127.9	6204 130.2	6121 131.3
300	8015 104.6	8038 104.6	8070 104.3	8213 103.1	8342 101.6	8483 99.8	8635 98.3	8621 98.5	8511 99.7	8366 101.0	8169 102.9	8067 103.9
200	10623 71.2	10640 71.6	10680 71.3	10823 72.0	10972 71.9	11145 71.6	11339 70.7	11321 70.7	11191 71.1	11014 71.3	10800 71.3	10673 71.6
100	14999 36.0	15057 36.1	15133 35.8	15189 35.8	15355 36.0	15519 36.4	15673 36.7	15654 36.7	15556 36.7	15340 36.3	15190 36.4	15042 36.0
80	16452 28.7	16490 29.0	16508 28.7	16596 28.7	16792 29.0	16923 28.8	17046 29.0	17040 28.9	16967 29.0	16728 29.0	16540 29.0	16458 28.8
P Surface	903 276.1	903 275.9	902 277.1	903 279.0	903 287.1	903 299.7	905 306.2	905 299.6	905 289.1	904 283.2	903 277.5	902 275.6
1000												
950												
900	32 274.8	33 274.6	26 275.7	36 276.1	37 283.6	40 295.3	57 301.7	59 296.3	58 285.7	42 278.7	38 274.9	21 274.4
850	479 257.5	483 257.7	479 259.1	502 260.1	512 265.5	522 272.6	550 273.6	551 270.4	540 265.8	514 260.4	497 257.4	473 257.9
800	954 242.7	962 242.5	958 243.7	994 244.3	1012 248.7	1030 253.8	1075 253.4	1069 250.9	1048 248.5	1013 245.0	983 242.2	954 242.7
750	1460 228.3	1472 227.9	1469 228.5	1518 228.9	1543 232.7	1573 235.7	1621 234.9	1621 232.9	1590 231.9	1545 228.6	1500 227.5	1466 228.4
700	1988 214.0	2004 213.3	2003 213.5	2060 213.5	2095 216.2	2133 218.0	2194 217.9	2191 216.5	2151 214.8	2097 213.2	2039 212.9	1998 213.8
600	3156 186.2	3179 185.3	3182 185.3	3260 184.3	3314 184.5	3372 184.8	3454 184.8	3449 184.9	3392 183.7	3320 182.6	3230 184.3	3176 185.5
500	4497 159.0	4528 158.3	4536 157.9	4635 156.2	4710 155.2	4790 154.1	4892 153.6	4883 153.4	4810 153.8	4720 154.2	4597 156.7	4527 158.2
400	6073 131.8	6113 131.9	6126 131.5	6250 129.7	6351 128.1	6458 126.4	6582 125.2	6570 125.3	6479 126.3	6366 127.5	6205 130.1	6116 131.6
300	8003 104.4	8052 104.3	8063 104.3	8217 102.9	8349 101.4	8487 99.9	8644 98.3	8626 98.5	8511 99.7	8376 100.8	8167 102.9	8060 104.0
200	10611 71.0	10660 71.4	10672 70.8	10825 70.8	10982 71.5	11146 71.2	11350 70.5	11327 70.6	11187 70.9	11029 71.3	10791 71.3	10668 71.4
100	15059 35.8	15095 35.7	15117 35.4	15259 35.7	15388 35.7	15554 36.0	15701 36.5	15669 36.5	15543 36.3	15408 36.3	15163 36.0	15061 35.9
60	18361 21.2	18349 21.4	18356 21.4	18440 21.4	18666 21.3	18786 21.2	18907 21.2	18897 21.2	18776 21.4	18572 21.6	18363 21.5	18276 21.6

## SAN ANTONIO, TEXAS

Elevation 243 METERS

Station No. 12921

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	991	313.5	991	316.7	987	315.1	986	329.4	984	349.8	985	357.0	986	355.4	986	350.9	986	350.4	988	335.7	989	316.7	990	315.5
1000																								
950	352	299.6	352	302.4	321	301.2	321	314.5	307	335.7	317	342.4	329	340.1	330	335.7	331	333.6	339	320.8	345	300.9	349	301.2
900	799	285.2	801	285.9	775	284.4	781	294.2	774	315.0	787	321.1	803	318.7	804	314.8	801	312.9	805	301.4	799	284.5	801	283.1
850	1272	268.0	1276	267.8	1255	264.7	1267	272.8	1266	289.0	1282	296.2	1300	295.5	1302	294.0	1295	291.8	1294	281.5	1280	265.6	1279	263.6
800	1773	246.7	1779	246.4	1761	243.5	1777	250.1	1783	260.2	1802	265.9	1822	270.8	1824	270.8	1813	269.2	1807	257.9	1786	245.9	1783	243.6
750	2308	227.4	2314	226.1	2298	224.4	2322	230.2	2334	232.7	2354	237.1	2370	244.0	2373	245.2	2361	244.8	2353	233.7	2326	226.5	2321	226.6
700	2866	211.4	2872	209.5	2861	208.0	2887	211.0	2905	212.3	2929	215.6	2949	222.4	2951	222.1	2934	221.6	2922	215.7	2887	209.8	2881	210.0
600	4097	181.0	4102	180.6	4099	180.7	4132	180.7	4163	181.6	4199	182.9	4218	185.0	4217	185.0	4197	186.2	4177	182.9	4131	171.5	4117	181.7
500	5510	153.4	5511	153.6	5516	153.3	5555	152.8	5598	152.6	5650	152.7	5670	152.3	5672	152.3	5646	153.8	5618	152.4	5558	148.0	5536	153.6
400	7169	126.8	7164	127.4	7176	126.8	7222	126.5	7283	125.9	7361	124.1	7386	124.0	7389	124.1	7356	124.3	7313	125.0	7235	124.0	7204	126.6
300	9192	100.1	9181	100.2	9203	99.8	9256	99.6	9336	99.2	9449	97.0	9481	96.6	9486	96.6	9445	96.9	9380	97.9	9281	98.9	9236	100.0
200	11840	71.9	11843	71.6	11865	71.6	11922	71.9	12022	71.5	12176	70.7	12216	70.7	12226	70.5	12178	70.5	12090	70.9	11963	71.4	11906	71.7
100	16126	38.0	16164	37.9	16137	37.9	16200	37.6	16275	37.9	16392	39.0	16422	38.5	16455	38.2	16395	38.7	16312	38.6	16180	37.9	16146	38.1
60	19190	22.6	19165	22.7	19186	22.6	19189	22.1	19336	22.2	19464	22.0	19520	21.9	19553	22.0	19491	22.0	19382	22.2	19201	22.4	19202	22.4
P Surface	993	315.0	992	318.1	989	318.4	988	332.8	986	351.5	987	363.9	989	364.1	989	362.7	988	354.5	990	342.2	991	318.7	992	316.7
1000																								
950	362	300.4	363	302.2	337	302.4	337	316.8	325	335.2	336	342.5	350	345.1	349	343.0	345	337.3	352	325.6	358	302.9	361	302.0
900	806	283.9	809	284.4	786	282.7	794	295.8	789	310.7	804	317.1	821	316.0	820	313.7	812	313.6	815	302.2	809	284.3	808	283.4
850	1279	266.2	1283	265.8	1264	263.1	1277	271.2	1279	284.2	1297	286.2	1315	286.4	1315	285.6	1304	288.7	1302	277.2	1289	265.1	1286	262.9
800	1778	247.5	1785	245.7	1768	244.3	1787	247.8	1795	257.4	1816	259.9	1835	261.7	1835	263.2	1820	263.7	1814	253.7	1794	246.2	1788	244.6
750	2313	229.0	2321	227.3	2307	224.7	2330	228.4	2342	233.6	2367	234.0	2383	240.0	2382	240.5	2367	240.6	2359	231.7	2333	228.8	2327	227.3
700	2870	211.3	2877	210.6	2867	209.2	2896	211.5	2915	213.7	2942	214.9	2961	220.4	2960	220.1	2940	220.3	2928	214.6	2895	212.2	2886	210.7
600	4100	182.6	4108	181.2	4104	180.8	4142	181.5	4172	182.2	4210	183.5	4227	185.6	4225	184.9	4202	184.6	4183	182.6	4137	180.2	4124	182.2
500	5513	153.6	5515	153.6	5517	153.6	5564	153.2	5607	152.6	5660	153.1	5680	152.7	5678	152.1	5651	152.3	5623	152.0	5564	147.9	5542	153.3
400	7175	126.8	7170	127.4	7181	126.8	7235	126.2	7293	125.5	7371	124.0	7395	123.7	7394	123.8	7363	123.9	7320	124.7	7243	123.9	7211	126.4
300	9203	99.9	9192	100.1	9209	99.8	9274	99.4	9350	99.0	9463	96.8	9495	96.5	9493	96.5	9455	97.4	9391	97.8	9293	98.9	9245	99.9
200	11873	71.4	11853	71.3	11878	71.4	11941	71.6	12041	71.3	12198	70.5	12235	70.4	12236	70.4	12193	70.3	12106	70.7	11984	71.3	11912	71.8
100	16181	37.5	16174	37.6	16215	37.5	16262	37.1	16330	37.5	16445	38.2	16470	38.1	16474	38.2	16417	38.5	16338	38.4	16226	38.0	16181	37.8
30	23483	10.7	23540	10.6	23594	10.7	23732	10.3	23739	10.4	23912	10.4	23970	10.5	24048	10.4	23931	10.5	23713	10.7	23559	10.7	23548	10.6



P in mb	Hgt. N	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
		Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N	Hgt. N
P Surface	1011	319.8	1010	322.7	1009	232.4	1008	326.0	1006	327.2	1006	330.6	1006	333.9	1006	335.2	1005	335.6	1006	330.5	1009	323.1	1010	323.1	
1000	91	314.7	84	317.0	68	318.9	65	322.8	50	324.0	44	328.3	44	331.1	44	333.1	56	332.9	50	327.2	75	318.8	78	318.2	
950	521	290.6	515	294.6	502	297.5	501	302.5	487	305.8	491	310.8	491	310.8	492	312.6	481	309.7	492	300.7	513	293.0	511	295.3	
900	965	272.0	958	275.5	945	277.7	948	278.6	936	280.7	938	276.9	945	270.0	946	271.6	938	275.6	945	275.7	963	271.7	957	273.9	
850	1434	256.0	1428	256.9	1416	260.7	1425	259.5	1416	259.8	1426	255.9	1441	252.4	1440	252.9	1431	255.1	1428	257.8	1442	254.7	1429	256.2	
800	1928	239.5	1922	239.8	1911	240.7	1926	242.2	1923	242.2	1940	238.8	1962	239.7	1961	237.5	1948	237.7	1936	239.8	1945	237.8	1926	239.7	
750	2456	224.5	2448	224.1	2439	225.2	2459	224.8	2461	223.6	2486	221.3	2515	224.1	2514	223.1	2499	221.8	2478	222.9	2482	222.5	2456	224.2	
700	3003	209.3	2993	209.7	2985	209.3	3012	210.0	3019	208.3	3053	206.0	3089	211.3	3085	206.3	3069	207.8	3038	208.7	3038	206.8	3004	209.1	
600	4215	181.2	4201	181.9	4196	181.5	4234	181.1	4254	180.1	4306	179.1	4355	180.6	4348	178.0	4328	169.6	4280	179.1	4271	179.2	4220	182.3	
500	5604	154.6	5585	155.0	5583	154.7	5633	153.9	5669	152.3	5742	147.0	5804	145.8	5795	146.2	5771	151.0	5703	152.6	5684	152.5	5613	154.6	
400	7235	128.4	7207	128.9	7212	128.7	7275	127.7	7329	126.8	7430	123.6	7506	122.3	7492	122.6	7467	122.8	7375	124.5	7345	125.5	7250	127.2	
300	9226	101.8	9182	102.3	9196	102.0	9275	101.3	9349	100.4	9481	98.9	9580	97.7	9560	97.9	9533	98.2	9411	99.5	9366	100.3	9241	101.3	
200	11843	72.2	11797	72.0	11797	72.1	11905	72.5	11994	72.1	12170	71.2	12304	70.5	12278	70.4	12250	70.6	12085	71.4	12038	71.8	11884	72.1	
100	16150	36.9	16146	36.7	16162	36.6	16232	36.7	16290	36.7	16454	37.3	16567	37.9	16571	37.6	16498	37.8	16366	37.6	16298	37.8	16199	37.3	
50	20431	18.5	20406	18.2	20379	18.3	20498	18.1	20621	18.0	20790	17.9	20826	18.0	20927	18.0	20764	18.0	20597	18.2	20492	18.4	20465	18.5	
P Surface	1012	314.6	1011	318.1	1009	319.9	1009	324.9	1007	326.9	1006	330.4	1007	334.8	1007	335.0	1006	332.8	1007	322.6	1010	316.4	1010	316.9	
1000	96	309.1	88	313.6	74	316.4	72	321.1	56	323.9	50	328.0	53	331.2	54	331.6	43	329.6	58	319.6	80	312.8	82	312.9	
950	523	288.2	516	293.0	503	296.5	505	301.1	490	304.5	490	307.8	496	311.5	499	313.0	488	307.3	497	298.8	517	290.7	514	291.8	
900	966	270.3	958	273.2	945	275.8	951	277.9	937	281.4	939	279.9	948	273.7	950	275.8	942	273.3	948	274.6	965	270.7	957	272.6	
850	1435	257.8	1427	255.5	1414	257.8	1426	257.2	1415	258.8	1424	254.7	1441	252.2	1443	253.0	1433	251.4	1430	255.1	1443	254.0	1429	255.6	
800	1929	241.0	1920	240.6	1908	240.3	1926	237.9	1920	239.2	1936	235.0	1960	238.1	1961	235.5	1949	236.6	1937	236.7	1946	237.8	1925	238.4	
750	2456	224.2	2447	224.8	2434	224.8	2459	223.1	2457	222.6	2482	219.5	2512	225.4	2512	221.5	2497	221.1	2477	222.3	2483	223.8	2454	223.5	
700	3002	209.9	2991	210.2	2981	210.4	3012	208.7	3016	207.1	3048	206.5	3085	210.0	3084	206.3	3068	207.2	3036	208.0	3038	209.5	3003	209.1	
600	4213	181.2	4196	182.0	4191	182.1	4232	181.5	4250	179.4	4301	179.7	4350	169.1	4347	179.4	4326	179.4	4277	179.2	4271	180.1	4218	175.6	
500	5603	154.6	5578	155.1	5577	154.8	5631	154.2	5665	152.2	5739	146.9	5797	146.1	5792	152.0	5767	146.4	5701	151.4	5683	152.0	5611	154.7	
400	7233	128.4	7201	129.1	7205	128.7	7272	127.9	7326	126.5	7428	123.4	7497	122.4	7489	122.7	7462	122.8	7373	124.4	7342	127.1	7246	127.2	
300	9226	101.8	9179	102.3	9190	102.0	9268	101.4	9345	100.3	9483	98.7	9570	97.7	9557	97.9	9527	98.1	9410	99.5	9366	100.2	9247	101.3	
200	11854	71.9	11799	71.7	11803	72.2	11904	72.2	11995	71.9	12172	71.0	12293	70.4	12278	70.3	12245	70.5	12089	71.4	12029	71.7	11893	72.0	
100	16210	37.1	16139	36.5	16164	36.5	16236	36.5	16319	36.5	16471	37.0	16567	37.7	16576	37.4	16504	37.7	16353	37.3	16307	37.6	16222	37.1	
40	21817	14.5	21755	14.5	21858	14.4	21959	14.3	22076	14.2	22215	14.1	22297	14.0	22326	14.1	22219	14.1	22030	14.3	21882	14.5	21807	14.6	

## SAULT STE. MARIE, MICHIGAN

Station No. 14847

Elevation 221 Meters

P in mb	Jan.		Feb.		March		April		May		June		July		Aug		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	989	303.1	990	301.5	988	302.5	989	305.5	988	309.8	988	321.4	989	331.6	990	332.8	990	323.1	991	316.9	986	305.3	988	302.9
1000																								
950	ND	ND	322	291.9	313	289.6	324	290.5	329	293.8	329	305.1	347	312.6	358	314.0	354	306.0	352	300.6	303	293.3	310	291.5
900	730	276.9	734	276.9	734	274.4	754	274.5	771	277.3	780	285.7	803	292.4	814	293.1	802	286.3	793	281.3	729	277.3	728	276.7
850	1169	261.3	1172	261.5	1180	259.7	1210	259.5	1238	261.4	1258	268.2	1286	274.0	1295	272.2	1276	267.1	1262	263.5	1180	261.2	1169	261.6
800	1633	246.1	1634	246.2	1651	244.3	1691	244.2	1730	245.9	1760	250.2	1792	254.6	1800	252.9	1774	248.5	1755	246.7	1654	246.1	1635	246.2
750	2132	230.9	2132	231.2	2156	229.5	2204	229.1	2255	229.7	2295	232.2	2332	234.3	2337	232.6	2306	230.6	2282	230.4	2162	230.6	2134	230.9
700	2648	216.0	2646	216.5	2679	215.0	2735	214.5	2798	214.3	2849	214.8	2889	216.1	2896	215.5	2856	214.0	2829	214.2	2688	215.2	2652	216.1
600	3800	187.9	3794	188.3	3842	186.8	3916	185.4	4003	183.8	4076	182.6	4125	182.4	4131	182.2	4077	183.1	4041	183.4	3857	186.0	3806	187.6
500	5121	160.4	5118	160.7	5177	159.3	5273	157.9	5386	155.9	5486	153.5	5545	153.1	5550	153.4	5481	154.3	5432	154.8	5204	158.5	5134	160.2
400	6688	132.9	6682	133.4	6755	132.5	6871	131.0	7014	129.0	7146	127.1	7215	126.1	7220	126.2	7132	127.4	7071	128.1	6790	131.0	6697	133.2
300	8636	104.2	8608	104.8	8690	104.3	8817	103.5	8996	102.0	9170	100.1	9253	99.3	9252	99.7	9157	100.4	9072	101.3	8729	103.3	8629	104.3
200	11229	71.0	11216	71.1	11303	70.7	11429	71.1	11637	71.4	11832	71.2	11942	70.5	11892	70.6	11797	71.1	11685	71.6	11362	70.6	11262	70.8
100	15622	36.0	15749	35.9	15799	35.8	15896	35.5	16044	35.8	16189	35.9	16311	35.8	16305	36.0	16155	36.0	16071	36.4	15759	35.6	15672	35.7
80	17075	28.6	17162	28.7	17263	28.8	17274	28.5	17457	28.7	17584	28.5	17725	28.6	17720	28.6	17580	28.7	17437	29.0	17172	28.6	17097	28.6
P Surface	990	303.3	991	303.3	988	301.5	989	303.4	989	308.3	988	322.7	990	332.7	991	332.6	991	324.0	992	316.0	987	305.1	989	302.7
1000																								
950	320	291.8	325	291.7	315	289.7	327	290.8	332	294.7	333	306.2	354	312.9	363	312.3	360	305.5	356	299.7	304	293.0	315	291.2
900	732	276.9	735	276.9	735	274.4	758	274.6	775	278.9	785	287.7	810	292.3	819	292.6	808	287.1	797	280.2	730	277.4	730	276.8
850	1171	261.0	1173	261.4	1181	259.1	1214	258.9	1241	262.5	1263	268.9	1292	273.8	1299	272.6	1280	267.5	1264	262.8	1180	261.6	1172	261.5
800	1635	245.4	1636	245.9	1652	243.8	1694	243.9	1732	246.8	1764	250.1	1797	253.6	1804	252.2	1778	248.2	1757	245.5	1655	245.5	1637	246.0
750	2134	230.5	2134	230.8	2157	229.1	2207	229.0	2256	230.8	2298	232.6	2335	233.9	2341	233.0	2309	230.9	2284	229.0	2161	229.7	2136	230.7
700	2649	215.9	2650	216.2	2681	214.7	2738	214.0	2798	214.5	2853	215.5	2893	215.6	2899	215.9	2859	214.6	2830	213.1	2688	214.7	2654	216.0
600	3802	187.5	3801	187.8	3845	186.5	3919	185.1	4004	183.8	4080	183.4	4130	182.7	4134	182.9	4082	183.5	4042	182.9	3858	186.0	3807	187.5
500	5130	160.1	5128	160.5	5187	159.1	5278	157.5	5391	155.3	5490	154.3	5551	153.0	5556	153.1	5486	153.9	5435	154.7	5205	158.4	5134	160.2
400	6696	132.9	6689	132.9	6765	132.4	6878	130.7	7021	128.6	7152	126.8	7224	125.9	7228	126.2	7145	127.0	7076	127.8	6792	131.6	6702	132.5
300	8622	104.3	8611	104.7	8699	104.2	8835	103.1	9009	101.7	9179	99.8	9264	99.2	9268	99.4	9164	100.2	9077	101.0	8742	103.1	8635	104.3
200	11231	70.5	11232	70.9	11304	70.5	11455	70.6	11649	71.0	11856	70.9	11942	70.2	11911	70.3	11819	70.7	11695	71.4	11385	70.4	11255	70.7
100	15694	35.6	15722	35.4	15836	35.4	15911	35.1	16089	35.6	16256	35.6	16383	35.8	16346	35.6	16252	35.7	16112	36.3	15856	35.7	15688	35.5
40	21472	14.4	21417	14.5	21571	14.3	21741	14.1	21893	14.1	22090	14.0	22216	13.9	22237	13.9	22055	14.0	21822	14.3	21610	14.3	21482	14.4

1500 G. M. T.

## SPOKANE, WASHINGTON

Elevation 722 Meters

Station No. 24157

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	939	288.8	936	289.6	934	290.1	936	288.9	934	290.2	935	293.5	935	286.0	935	296.3	936	292.5	936	294.5	938	294.0	934	290.2
1000																								
950																								
900	286	276.5	274	277.3	261	277.2	278	273.8	272	276.0	283	280.4	290	274.6	287	273.8	295	276.8	282	280.9	291	280.4	269	279.4
850	734	260.8	729	260.7	721	261.6	748	259.5	751	260.6	767	264.6	783	261.3	779	259.8	778	261.6	752	263.3	752	262.7	723	262.9
800	1207	245.7	1207	245.4	1203	246.1	1239	245.5	1251	247.1	1272	250.6	1298	247.4	1292	246.5	1285	246.8	1245	247.2	1237	246.3	1202	246.5
750	1712	230.5	1716	230.7	1714	230.8	1757	230.0	1780	231.8	1806	234.9	1841	233.0	1834	231.9	1821	230.6	1768	231.5	1754	230.7	1712	230.6
700	2236	215.6	2244	215.8	2245	215.6	2297	215.1	2329	216.2	2360	218.6	2403	215.0	2397	215.7	2376	215.6	2312	215.4	2290	215.1	2242	215.3
600	3397	187.4	3410	187.1	3417	186.6	3484	185.2	3537	184.2	3578	184.7	3641	182.2	3634	182.6	3602	183.7	3514	184.7	3477	185.6	3413	186.6
500	4731	160.0	4750	159.6	4759	159.3	4846	157.6	4921	155.8	4974	155.0	5059	153.4	5049	153.7	5007	154.5	4898	156.2	4837	157.7	4755	159.0
400	6301	133.0	6324	132.6	6337	132.5	6445	131.0	6548	129.1	6615	128.1	6724	126.5	6711	126.9	6659	127.6	6523	129.2	6439	130.5	6333	132.2
300	8230	104.5	8253	104.7	8263	104.6	8392	103.6	8529	102.2	8616	101.3	8751	100.0	8732	100.3	8673	100.7	8513	101.8	8401	102.9	8268	104.3
200	10818	71.9	10827	71.9	10849	71.3	10985	71.8	11149	71.7	11261	70.9	11416	70.6	11396	70.6	11336	71.1	11146	71.6	11030	71.5	10855	71.6
100	15315	35.5	15264	35.4	15315	35.5	15405	35.6	15575	35.8	15727	35.5	15836	35.7	15821	35.7	15709	36.0	15533	36.1	15407	36.0	15262	35.8
50	19622	17.8	19644	18.0	19747	17.8	19758	17.9	19939	17.9	20203	17.6	20290	17.6	20269	17.6	20157	17.8	19912	17.9	19802	18.0	19667	17.9
P Surface	939	288.9	936	289.7	935	291.3	937	292.4	936	295.5	937	301.2	937	301.4	937	299.9	938	298.9	937	296.9	938	294.2	934	290.2
1000																								
950																								
900	285	277.1	272	278.2	263	279.0	287	278.0	284	280.8	293	285.5	303	284.5	300	283.6	303	281.9	286	283.4	291	281.3	269	279.4
850	732	261.1	726	261.5	720	261.8	751	260.6	756	262.8	771	267.0	787	264.1	784	265.0	781	262.8	752	265.2	750	263.7	723	262.9
800	1204	245.3	1204	245.6	1200	245.9	1239	245.1	1252	247.2	1271	251.1	1296	247.7	1291	247.9	1283	247.1	1243	248.2	1234	247.2	1201	246.7
750	1708	230.1	1711	230.3	1711	230.6	1756	230.0	1780	231.5	1801	234.9	1836	232.5	1831	232.7	1817	230.9	1766	231.3	1750	230.7	1710	231.1
700	2232	215.7	2240	215.5	2242	215.6	2292	214.4	2325	215.8	2353	218.1	2396	215.8	2390	216.4	2371	214.5	2309	215.3	2286	215.0	2239	215.8
600	3391	187.6	3409	186.8	3412	186.9	3478	185.3	3532	184.4	3568	184.5	3631	183.1	3623	183.4	3594	183.1	3511	184.3	3471	185.4	3409	186.6
500	4724	160.0	4751	159.3	4755	159.3	4841	157.5	4915	155.9	4964	154.9	5047	153.5	5036	153.6	4999	154.5	4891	156.1	4831	157.6	4752	159.1
400	6297	133.1	6327	132.6	6331	132.5	6441	130.9	6543	129.0	6604	128.2	6710	126.6	6695	127.0	6647	127.5	6515	129.2	6434	130.5	6335	132.3
300	8222	104.6	8255	104.7	8257	104.6	8394	103.5	8527	102.1	8603	101.3	8735	100.1	8715	100.4	8658	100.7	8499	101.9	8395	102.9	8272	104.3
200	10795	71.1	10833	71.7	10852	71.0	10994	71.6	11153	71.5	11249	70.6	11404	70.5	11376	70.4	11316	70.9	11132	71.3	11007	71.4	10871	71.5
100	15277	35.5	15261	35.3	15333	35.3	15440	35.4	15588	35.5	15721	35.3	15844	35.6	15819	35.7	15714	35.9	15513	35.9	15382	35.8	15265	35.7
40	21176	14.1	21166	13.9	21185	14.1	21278	14.2	21442	14.1	21641	13.9	21760	13.8	21730	13.9	21557	14.1	21338	14.2	21209	14.2	21116	14.1



## TAMPA, FLORIDA

## Elevation 9 Meters

Station No. 12842

P in mb	Hgt.	N	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
			Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1021	341.6	1021	338.9	1018	344.3	1018	349.7	1016	361.8	1016	374.3	1017	380.5	1016	381.8	1016	381.8	1014	377.7	1015	364.1	1017	349.0	1020	343.4
1000	178	332.7	170	329.0	149	335.6	150	340.8	133	353.6	141	366.1	150	370.7	138	372.7	138	372.7	125	368.2	132	355.1	146	340.2	163	335.0
950	617	310.4	609	306.0	590	310.0	593	314.6	583	323.5	593	335.8	602	341.3	591	344.9	591	344.9	577	342.0	581	329.3	590	317.0	604	312.3
900	1073	290.3	1062	285.6	1046	289.4	1053	292.7	1046	300.6	1061	308.9	1071	315.7	1061	316.7	1061	316.7	1045	316.3	1044	306.8	1047	294.6	1059	291.2
850	1551	269.9	1540	266.5	1526	266.9	1537	271.1	1534	278.4	1552	286.9	1563	291.1	1554	292.2	1554	292.2	1536	292.0	1531	282.3	1529	272.7	1539	269.7
800	2055	247.1	2043	243.6	2032	244.9	2044	248.7	2045	257.2	2066	264.8	2079	267.5	2071	268.5	2071	268.5	2052	268.7	2043	257.8	2036	249.6	2044	247.0
750	2592	225.5	2579	226.1	2569	227.0	2584	228.4	2587	234.8	2610	242.4	2626	245.8	2617	246.5	2617	246.5	2596	244.1	2587	235.9	2577	230.6	2583	229.0
700	3152	211.6	3137	210.6	3129	212.0	3146	211.8	3152	215.2	3180	222.4	3196	225.5	3189	226.2	3189	226.2	3168	224.2	3153	216.4	3138	215.6	3142	211.3
650	3792	179.8	3772	182.1	3758	180.5	3787	181.1	3797	182.2	3833	186.5	3851	190.2	3847	190.9	3847	190.9	3828	187.7	3815	182.2	3796	182.3	3803	180.8
600	4392	148.3	4372	153.5	4358	152.7	4397	152.7	4411	152.7	4457	153.2	4482	156.7	4471	156.7	4471	156.7	4457	154.9	4442	152.4	4418	154.0	4433	153.1
550	5015	126.4	5000	127.1	4985	126.2	5024	126.1	5038	126.1	5072	125.3	5097	125.3	5082	125.3	5082	125.3	5067	125.3	5052	124.7	5025	126.2	5048	125.9
500	5525	99.5	5510	100.0	5494	100.1	5524	100.0	5538	98.8	5572	98.4	5606	98.4	5591	98.2	5591	98.2	5572	97.9	5557	98.2	5528	98.5	5557	99.2
450	6015	72.0	6000	71.8	5984	71.8	6014	71.8	6028	72.0	6062	72.0	6096	71.5	6081	71.4	6081	71.4	6062	71.2	6047	71.2	6018	71.8	6047	72.1
400	6512	38.7	6500	38.5	6484	38.5	6514	38.1	6528	38.1	6562	38.4	6596	38.4	6581	38.1	6581	38.1	6562	38.7	6547	39.0	6518	38.9	6547	38.7
350	7012	18.6	7000	18.8	6990	18.8	7020	18.4	7034	18.3	7068	18.3	7102	18.1	7087	18.1	7087	18.1	7068	18.0	7053	18.4	7024	18.5	7053	18.4
300	7512	102.2	7500	101.8	7490	101.8	7520	101.4	7534	101.6	7568	101.6	7602	101.3	7587	101.3	7587	101.3	7568	101.5	7553	101.6	7524	101.8	7553	102.1
250	8012	334.9	8000	334.7	7990	334.7	8020	334.3	8034	335.1	8068	335.1	8102	334.8	8087	334.8	8087	334.8	8068	334.4	8053	334.4	8024	334.0	8053	334.9
200	8512	619	8500	619	8490	619	8520	618.5	8534	618.5	8568	618.5	8602	618.2	8587	618.2	8587	618.2	8568	618.0	8553	618.0	8524	617.5	8553	618.3
150	9012	1085	9000	1085	9000	1085	9030	1085	9044	1085	9078	1085	9112	1084.5	9102	1084.5	9102	1084.5	9078	1084.0	9063	1084.0	9034	1083.5	9063	1084.9
100	9512	1564	9500	1564	9500	1564	9530	1564	9544	1564	9578	1564	9612	1563.5	9602	1563.5	9602	1563.5	9578	1563.0	9563	1563.0	9534	1562.5	9563	1564.9
50	10012	2069	10000	2069	10000	2069	10030	2069	10044	2069	10078	2069	10112	2068.5	10102	2068.5	10102	2068.5	10078	2068.0	10063	2068.0	10034	2067.5	10063	2069.9
P Surface	1022	341.5	1021	334.9	1018	336.1	1018	343.4	1016	355.5	1017	367.3	1017	375.6	1017	376.5	1017	376.5	1015	374.3	1016	360.1	1018	344.3	1021	342.9
1000	191	330.3	181	324.7	157	327.6	158	335.1	140	345.4	148	357.9	155	363.8	144	365.6	144	365.6	131	363.4	140	349.4	156	334.0	175	332.9
950	631	309.6	619	305.1	596	308.7	600	315.2	590	326.6	599	336.9	606	341.7	596	343.0	596	343.0	584	340.9	587	328.6	599	315.9	615	312.3
900	1085	288.6	1071	285.5	1053	286.2	1061	293.0	1055	300.3	1070	310.5	1079	314.0	1069	316.0	1069	316.0	1053	314.0	1052	303.8	1057	292.1	1070	289.9
850	1564	265.7	1550	262.8	1534	263.8	1545	268.5	1543	275.7	1561	285.3	1571	289.0	1562	289.2	1562	289.2	1545	287.8	1540	277.9	1539	269.4	1551	267.3
800	2069	242.6	2053	243.7	2039	243.5	2053	246.4	2055	253.2	2077	262.2	2087	265.2	2079	266.7	2079	266.7	2062	264.0	2052	255.0	2047	248.4	2057	247.3
750	2607	223.8	2587	226.7	2572	226.3	2592	228.1	2598	230.5	2621	240.9	2634	244.0	2626	245.3	2626	245.3	2609	241.5	2595	233.4	2589	228.4	2596	228.4
700	3168	209.3	3148	210.3	3140	209.7	3156	210.6	3163	212.4	3193	220.2	3205	223.6	3199	224.7	3199	224.7	3181	221.7	3164	214.4	3152	215.2	3157	211.0
650	3792	171.5	3772	181.8	3758	180.5	3787	181.1	3797	182.2	3833	186.5	3851	190.2	3847	190.9	3847	190.9	3828	187.7	3815	182.2	3796	182.3	3803	180.8
600	4392	147.9	4372	153.5	4358	152.4	4397	152.7	4411	152.7	4457	153.2	4482	156.7	4471	156.7	4471	156.7	4457	154.9	4442	152.4	4418	154.0	4433	153.1
550	5015	124.1	5000	124.1	4985	124.1	5024	124.1	5038	124.1	5072	124.1	5097	124.1	5082	124.1	5082	124.1	5067	124.1	5052	124.1	5025	124.1	5048	124.1
500	5525	99.5	5510	99.5	5494	99.5	5524	99.5	5538	99.5	5572	99.5	5606	99.5	5591	99.5	5591	99.5	5572	99.5	5557	99.5	5528	99.5	5557	99.5
450	6015	72.0	6000	72.0	5984	72.0	6014	72.0	6028	72.0	6062	72.0	6096	72.0	6081	72.0	6081	72.0	6062	72.0	6047	72.0	6018	72.0	6047	72.0
400	6512	38.7	6500	38.7	6484	38.7	6514	38.7	6528	38.7	6562	38.7	6596	38.7	6581	38.7	6581	38.7	6562	38.7	6547	38.7	6518	38.7	6547	38.7
350	7012	18.6	7000	18.6	6990	18.6	7020	18.6	7034	18.6	7068	18.6	7102	18.6	7087	18.6	7087	18.6	7068	18.6	7053	18.6	7024	18.6	7053	18.6
300	7512	102.2	7500	102.2	7490	102.2	7520	102.2	7534	102.2	7568	102.2	7602	102.2	7587	102.2	7587	102.2	7568	102.2	7553	102.2	7524	102.2	7553	102.2
250	8012	334.9	8000	334.9	7990	334.9	8020	334.9	8034	334.9	8068	334.9	8102	334.9	8087	334.9	8087	334.9	8068	334.9	8053	334.9	8024	334.9	8053	334.9
200	8512	619	8500	619	8490	619	8520	619	8534	619	8568	619	8602	619	8587	619	8587	619	8568	619	8553	619	8524	619	8553	619
150	9012	1085	9000	1085	9000	1085	9030	1085	9044	1085	9078	1085	9112	1085	9102	1085	9102	1085	9078	1085	9063	1085	9034	1085	9063	1085
100	9512	1564	9500	1564	9500	1564	9530	1564	9544	1564	9578	1564	9612	1564	9602	1564	9602	1564	9578	1564	9563	1564	9534	1564	9563	1564
50	10012	2069	10000	2069	10000	2069	10030	2069	10044	2069	10078	2069	10112	2069	10102	2069	10102	2069	10078	2069	10063	2069	10034	2069	10063	2069

1500 G. M. T.

	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P in mb	1014	315.9	1010	317.6	1011	318.2	1014	321.4	1014	327.6	1014	332.4	1015	337.4	1014	338.3	1013	333.7	1011	327.4	1012	321.7	1010	319.0
P Surface	1014	315.9	1010	317.6	1011	318.2	1014	321.4	1014	327.6	1014	332.4	1015	337.4	1014	338.3	1013	333.7	1011	327.4	1012	321.7	1010	319.0
1000	111	309.9	85	313.3	87	313.5	111	315.3	112	321.4	117	326.2	123	330.5	114	331.6	107	327.1	90	321.5	99	315.7	81	314.1
950	527	293.2	505	296.4	509	295.9	536	296.7	541	299.7	549	305.1	557	307.8	554	307.9	545	304.8	520	300.9	525	297.2	502	296.9
900	958	277.0	938	279.6	943	279.3	973	279.1	984	280.0	997	284.3	1006	285.1	1000	285.8	993	284.3	961	282.2	962	281.7	936	280.3
850	1412	260.7	1394	262.8	1401	262.7	1434	262.0	1452	262.9	1470	267.1	1482	266.5	1478	266.4	1470	264.2	1427	264.6	1424	263.4	1394	263.4
800	1890	244.6	1874	246.7	1880	245.8	1918	245.1	1945	245.4	1967	249.3	1982	248.3	1980	247.8	1971	246.2	1917	247.6	1909	246.6	1875	246.3
750	2398	229.0	2384	230.5	2392	230.0	2434	228.9	2469	228.9	2496	231.2	2515	231.2	2515	229.4	2505	229.3	2440	230.5	2428	229.3	2388	230.2
700	2927	214.5	2915	215.3	2921	214.8	2968	213.7	3012	213.3	3045	214.8	3069	214.7	3068	212.8	3058	212.7	2981	214.1	2963	213.7	2919	215.0
600	4096	186.5	4088	186.4	4094	186.3	4151	184.8	4215	183.7	4260	183.1	4294	182.7	4295	182.2	4284	181.9	4182	184.1	4152	184.9	4095	185.9
500	5442	158.8	5436	158.8	5438	158.9	5509	157.9	5596	155.7	5654	155.0	5700	154.2	5703	153.9	5690	153.8	5558	156.2	5516	157.1	5444	158.4
400	7026	131.8	7023	131.9	7021	132.0	7108	130.8	7222	129.0	7295	128.1	7355	127.3	7359	127.2	7346	127.0	7181	128.9	7123	130.1	7033	131.5
300	8971	103.6	8964	103.9	8966	103.7	9064	103.1	9206	101.9	9295	101.1	9372	100.4	9375	100.4	9368	100.2	9173	101.6	9096	102.3	8981	103.5
200	11580	71.1	11556	71.5	11572	71.1	11678	71.6	11835	71.5	11949	70.7	12044	70.2	12034	70.5	12037	71.0	11824	71.3	11730	71.2	11579	71.2
100	16107	35.9	15964	35.4	16029	35.5	16104	35.7	16243	35.5	16421	35.3	16524	35.3	16483	35.5	16413	36.0	16219	36.1	16067	35.8	15951	35.6
60	19262	21.5	19101	21.7	19275	21.4	19332	21.4	19537	21.3	19683	21.2	19826	21.0	19784	21.1	19651	21.4	19350	21.6	19300	21.5	19207	21.5
P Surface	1014	315.7	1011	317.9	1011	318.6	1014	321.6	1014	327.5	1014	333.0	1015	337.4	1014	337.8	1013	332.8	1011	325.8	1010	321.6	1010	318.4
1000	114	309.6	88	313.7	88	314.3	112	315.1	113	320.9	116	327.0	121	330.4	115	331.2	110	327.7	92	320.4	82	316.3	82	314.2
950	529	293.3	505	296.6	507	296.6	533	296.7	541	300.8	548	306.6	555	310.0	549	303.8	544	306.9	520	294.5	506	297.7	503	296.7
900	960	277.6	938	279.3	942	279.7	971	279.0	983	281.1	994	286.5	1002	288.5	998	287.5	992	284.4	960	281.8	944	281.0	936	279.9
850	1413	261.6	1394	262.7	1398	263.1	1432	261.8	1450	263.6	1466	267.0	1477	268.3	1474	267.3	1467	264.4	1426	265.7	1405	264.0	1394	263.1
800	1890	245.5	1873	246.1	1878	246.4	1915	245.5	1941	245.6	1962	248.6	1976	248.7	1975	248.5	1967	246.4	1915	247.0	1890	247.1	1874	246.6
750	2397	229.8	2382	230.5	2386	230.4	2428	229.5	2464	228.5	2489	231.1	2509	230.6	2506	230.1	2500	230.1	2435	229.8	2409	230.1	2386	230.3
700	2926	214.8	2913	215.2	2919	215.2	2964	213.9	3008	212.6	3039	214.5	3061	213.3	3063	213.5	3051	213.2	2977	213.6	2944	214.4	2917	214.8
600	4095	186.2	4086	186.2	4091	186.3	4147	184.9	4212	183.5	4255	183.6	4287	182.5	4290	182.0	4273	181.9	4177	184.1	4129	185.3	4094	185.8
500	5439	158.8	5432	158.8	5436	158.8	5506	157.5	5594	155.7	5651	154.9	5694	154.2	5699	153.8	5677	153.8	5558	156.0	5486	157.8	5442	158.6
400	7021	132.1	7014	131.9	7020	131.8	7107	130.7	7218	129.0	7292	128.0	7348	127.3	7356	127.1	7329	127.3	7185	128.8	7083	130.6	7028	131.7
300	8964	103.7	8955	103.9	8959	103.8	9069	103.0	9202	101.9	9293	101.0	9367	100.3	9373	100.3	9349	100.1	9179	101.3	9051	102.6	8970	103.6
200	11567	70.8	11557	71.4	11568	70.8	11691	71.2	11837	71.3	11955	70.7	12045	70.0	12035	70.4	12013	70.7	11825	70.9	11685	70.9	11571	71.3
100	15998	35.3	15994	35.3	16040	35.2	16129	35.3	16261	35.4	16425	35.2	16537	35.2	16514	35.2	16459	35.5	16222	35.9	16081	35.6	15919	35.7
60	19331	23.0	19199	21.2	19363	21.0	19365	21.3	19533	21.1	19732	21.0	19821	21.0	19781	21.0	19663	21.2	19450	21.2	19337	21.3	19127	21.4

P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	996	306.6	996	305.5	992	306.4	993	309.9	992	320.2	992	336.8	993	344.2	994	344.3	995	331.9	996	321.9	993	309.7	996	306.4
1000																								
950	374	291.5	374	291.1	353	291.8	365	293.3	364	301.3	373	313.5	389	319.3	394	318.3	401	307.0	400	300.8	359	294.1	375	291.2
900	798	275.3	798	275.0	784	276.3	806	277.0	815	284.9	833	294.7	853	299.7	858	298.8	857	288.6	852	281.5	793	277.5	802	275.0
850	1249	259.2	1246	259.1	1240	259.7	1270	261.7	1289	267.9	1317	275.2	1341	278.7	1344	278.0	1337	268.3	1326	263.1	1252	260.4	1253	258.6
800	1726	243.6	1721	243.6	1720	243.7	1759	245.2	1788	249.7	1825	253.3	1852	257.5	1854	255.0	1841	249.5	1826	245.0	1735	244.3	1730	242.8
750	2236	228.3	2228	228.8	2234	228.4	2281	229.2	2319	232.6	2368	233.8	2396	235.6	2396	235.4	2380	231.1	2358	227.8	2253	228.8	2240	227.7
700	2767	213.8	2756	214.1	2765	213.6	2820	213.6	2869	215.4	2926	216.2	2958	216.6	2958	215.9	2937	214.5	2911	211.7	2789	213.7	2772	213.4
600	3947	185.0	3930	185.6	3947	185.2	4019	184.1	4088	183.6	4168	183.3	4206	182.8	4204	183.0	4172	181.7	4135	181.7	3980	184.2	3952	184.7
500	5304	157.5	5280	158.3	5303	157.6	5394	156.4	5486	154.6	5593	154.1	5638	152.8	5636	152.1	5591	152.8	5540	153.5	5350	156.4	5307	157.5
400	6904	130.6	6869	130.8	6898	131.0	7011	129.6	7130	127.9	7273	123.7	7328	125.3	7321	125.1	7263	126.1	7193	127.4	6963	129.6	6903	131.2
300	8861	103.1	8820	103.7	8846	103.5	8984	102.6	9129	101.2	9320	99.0	9387	98.3	9377	98.5	9298	99.4	9209	100.6	8940	101.9	8848	103.1
200	11462	71.7	11426	71.7	11460	71.1	11603	71.9	11763	72.0	11996	71.8	12087	70.9	12073	70.9	11973	71.4	11871	71.7	11579	71.2	11452	71.4
100	15849	36.5	15867	36.4	15914	36.2	15952	36.0	16115	36.4	16311	36.9	16397	37.1	16373	36.8	16269	36.8	16126	37.0	15952	36.6	15830	36.4
60	18930	22.2	19054	22.0	19055	21.9	19193	21.6	19318	21.8	19492	21.6	19582	21.6	19582	21.5	19476	21.5	19307	21.9	19128	21.7	18994	21.9
P Surface	997	306.5	997	305.5	993	305.9	994	309.4	993	318.2	993	335.8	994	342.8	995	340.3	997	330.1	997	322.0	994	308.8	996	306.4
1000																								
950	380	291.7	379	290.6	360	291.5	371	293.7	372	301.5	382	314.3	397	319.6	405	317.6	411	307.7	409	301.4	365	293.8	381	291.4
900	803	275.4	800	274.8	790	275.5	810	277.3	822	283.7	842	293.5	861	298.3	867	296.7	866	287.9	857	282.2	797	277.4	806	275.1
850	1254	258.9	1248	258.3	1246	259.1	1273	260.4	1296	265.7	1325	272.3	1347	277.0	1353	274.2	1346	267.8	1331	262.7	1255	260.2	1258	258.6
800	1730	243.2	1722	242.7	1726	243.7	1760	244.3	1794	248.5	1833	252.7	1857	254.3	1861	252.4	1849	248.9	1830	243.7	1737	243.6	1735	242.6
750	2242	227.8	2233	228.1	2240	228.0	2283	228.7	2327	230.5	2374	233.4	2402	234.1	2404	232.5	2387	230.2	2364	227.5	2255	227.9	2246	227.4
700	2772	213.1	2758	213.7	2771	213.1	2822	213.6	2875	213.7	2935	215.6	2965	215.4	2966	214.2	2944	213.3	2914	211.7	2789	212.8	2777	212.9
600	3952	184.9	3933	185.4	3955	184.6	4022	183.9	4096	183.1	4178	182.6	4214	183.5	4212	181.7	4180	181.7	4142	181.7	3980	183.9	3957	184.5
500	5311	157.3	5283	158.1	5314	157.2	5400	155.9	5497	154.0	5606	153.5	5649	152.9	5645	152.5	5601	152.6	5551	153.4	5351	156.3	5314	157.4
400	6912	130.5	6874	131.2	6916	130.6	7021	129.2	7145	127.3	7288	123.5	7341	125.3	7335	125.1	7276	124.1	7208	125.5	6966	129.5	6913	130.7
300	8870	103.0	8824	103.6	8873	103.1	9003	102.2	9154	100.7	9339	98.7	9407	98.0	9399	98.2	9319	99.2	9227	100.4	8946	101.7	8876	103.0
200	11485	71.6	11531	71.2	11496	70.8	11629	71.6	11793	71.7	12024	71.3	12121	70.5	12102	70.5	12007	70.9	11884	71.4	11591	71.0	11489	71.4
100	15892	36.3	15859	35.8	15939	35.7	16038	35.8	16169	36.1	16371	36.4	16460	36.7	16434	36.4	16337	36.6	16194	36.9	15976	36.3	15888	36.1
30	23425	10.7	23394	10.8	23389	10.7	23645	10.6	23824	10.4	23996	10.4	24162	10.4	24109	10.4	23990	10.4	23720	10.6	23519	10.8	23319	10.9



P in mb	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N	Hgt.	N
P Surface	1018	311.6	1016	309.7	1013	310.2	1013	315.7	1011	333.7	1012	349.5	1013	362.7	1013	360.1	1015	347.1	1015	331.8	1013	314.6	1015	310.4
1000	87	305.2	79	303.2	54	304.5	54	310.2	43	327.6	50	342.2	57	353.2	60	352.1	78	337.8	86	324.6	63	308.9	81	303.7
950	505	290.2	493	288.6	477	289.1	485	292.7	482	306.5	498	317.4	509	326.3	508	325.9	522	314.2	523	304.0	488	291.7	500	288.8
900	939	275.4	924	274.1	914	275.0	930	277.7	937	287.7	960	298.5	974	304.3	973	304.0	980	293.5	975	285.6	930	276.0	933	273.8
850	1398	260.0	1379	258.9	1374	260.0	1399	262.2	1415	270.4	1446	278.4	1463	282.6	1461	281.2	1462	274.3	1452	266.1	1395	259.6	1391	257.9
800	1882	244.6	1859	243.6	1858	243.8	1892	246.3	1917	253.0	1955	256.9	1976	260.6	1972	260.7	1968	254.0	1953	247.0	1885	244.0	1875	242.5
750	2400	228.5	2373	228.3	2375	227.9	2417	230.2	2450	235.2	2496	236.7	2519	239.0	2514	239.8	2508	233.7	2488	229.4	2407	228.4	2393	227.2
700	2940	213.2	2907	213.2	2912	213.0	2961	214.3	3002	218.0	3058	217.3	3086	219.5	3078	219.4	3067	215.7	3042	212.6	2953	212.9	2929	212.6
600	4137	184.0	4094	184.5	4103	183.2	4167	183.6	4225	184.0	4300	184.4	4336	184.8	4325	183.7	4308	182.9	4271	182.1	4161	182.4	4124	183.7
500	5512	156.1	5457	157.1	5472	156.2	5549	155.5	5630	154.2	5726	153.7	5773	153.4	5758	153.1	5736	152.7	5684	153.2	5552	154.4	5496	156.3
400	7132	129.3	7062	130.1	7080	129.7	7174	129.0	7280	127.3	7406	125.9	7468	124.8	7446	125.0	7416	125.6	7345	126.6	7189	127.8	7112	129.5
300	9111	102.2	9024	103.0	9050	102.6	9156	102.1	9291	100.7	9458	99.0	9538	98.2	9508	98.7	9464	98.8	9371	100.0	9187	101.0	9089	102.2
200	11721	72.3	11625	71.7	11671	71.5	11773	72.2	11930	72.3	12140	71.6	12240	71.3	12211	70.9	12151	71.3	12032	71.6	11832	71.7	11707	72.0
100	16039	36.8	15998	36.6	16037	36.5	16109	36.3	16249	36.6	16417	37.0	16503	37.2	16509	37.1	16413	37.2	16317	37.5	16119	36.9	16046	36.9
60	19175	22.2	19174	22.0	19214	22.1	19336	21.8	19435	21.7	19599	21.7	19699	21.7	19704	21.6	19601	21.7	19479	22.0	19252	21.9	19181	21.9
P Surface	1019	312.0	1018	308.9	1014	308.4	1014	312.5	1012	329.6	1013	345.4	1013	354.1	1014	354.6	1017	341.9	1016	330.4	1014	313.6	1017	310.3
1000	97	304.9	84	302.5	64	303.4	65	307.2	50	322.7	58	338.9	64	346.9	67	347.0	89	332.6	95	322.7	70	308.1	92	304.3
950	515	290.6	499	288.9	485	289.5	494	292.6	488	305.6	506	317.9	515	324.8	516	324.5	531	311.9	531	304.0	495	292.5	510	289.4
900	945	275.0	928	274.3	919	274.9	936	277.3	941	287.0	965	297.0	979	302.2	979	301.2	987	292.2	981	285.4	934	276.4	941	273.9
850	1404	259.4	1382	258.8	1378	259.3	1403	261.2	1419	268.5	1450	275.5	1467	280.2	1465	280.1	1468	272.1	1457	265.4	1398	259.8	1399	257.9
800	1889	244.1	1862	243.1	1862	243.6	1895	244.7	1919	251.0	1959	254.3	1978	258.9	1976	258.6	1973	251.9	1958	246.7	1888	243.0	1882	242.2
750	2408	228.8	2377	228.1	2379	227.9	2420	229.1	2451	232.6	2500	234.1	2521	237.3	2518	237.4	2513	233.2	2493	229.5	2412	227.2	2399	226.5
700	2946	213.4	2909	212.7	2916	211.8	2964	213.5	3005	215.2	3062	216.1	3088	218.0	3082	217.4	3072	215.0	3048	212.3	2955	212.4	2937	211.5
600	4146	184.1	4096	183.9	4109	182.9	4172	183.6	4230	182.9	4306	183.9	4339	184.6	4329	183.4	4314	182.1	4278	181.4	4163	182.9	4133	183.5
500	5524	156.2	5461	156.8	5480	156.3	5557	155.4	5636	154.0	5735	153.5	5778	153.2	5763	152.8	5743	152.7	5693	153.5	5552	154.8	5507	156.0
400	7146	129.2	7057	130.0	7091	129.4	7185	128.5	7291	127.2	7420	125.2	7476	125.1	7456	124.7	7426	125.5	7356	126.4	7189	128.3	7125	129.4
300	9127	102.1	9032	102.8	9062	102.4	9175	101.8	9309	100.4	9476	98.8	9551	98.1	9521	98.3	9480	98.6	9385	99.8	9190	100.9	9106	102.2
200	11741	71.9	11647	71.5	11688	71.2	11800	72.0	11955	71.9	12161	71.4	12261	71.0	12230	70.6	12172	71.0	12053	71.4	11844	71.5	11727	72.0
100	16068	36.7	16043	36.4	16092	36.3	16168	36.2	16301	36.4	16460	36.9	16549	37.0	16546	36.9	16457	37.2	16345	37.3	16163	37.0	16060	36.7
50	20340	18.1	20385	18.1	20411	18.0	20498	17.9	20635	17.8	20784	17.8	20913	17.7	20888	17.8	20777	17.9	20640	18.1	20449	18.2	20342	18.1

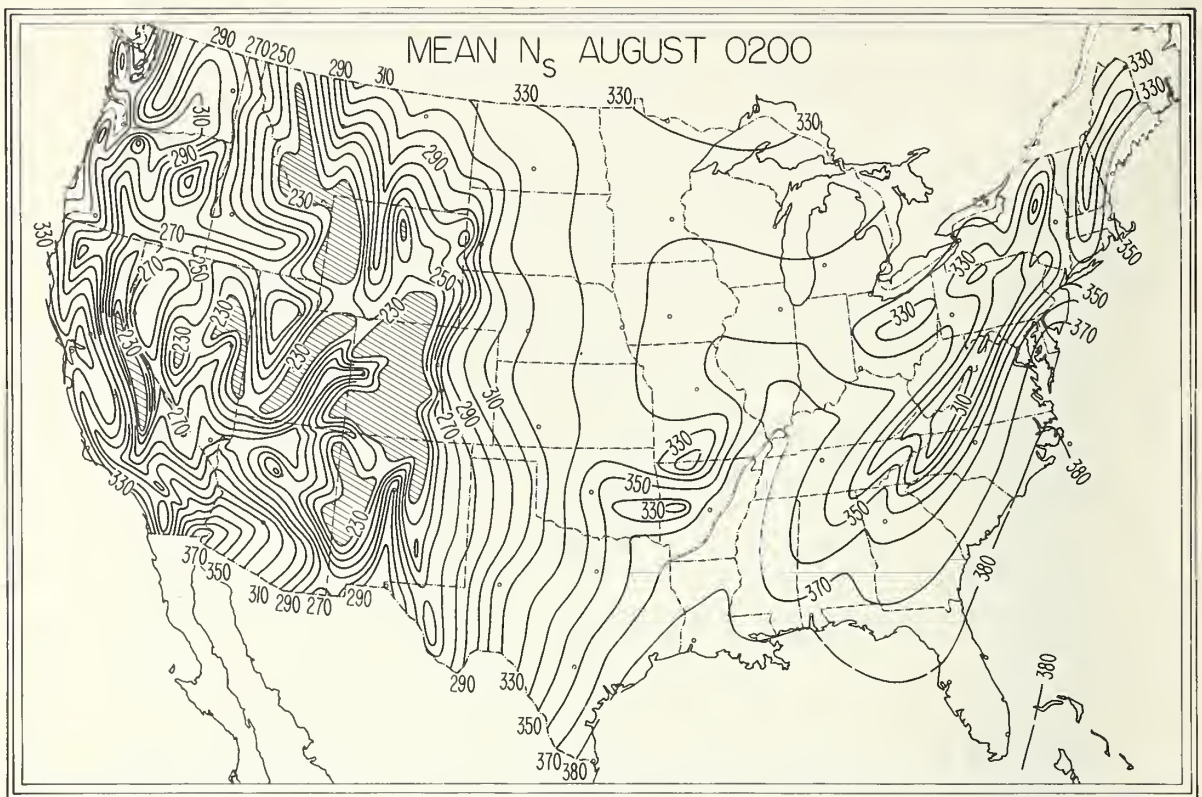


FIGURE 1. Mean  $N_s$ : August 0200 local time.

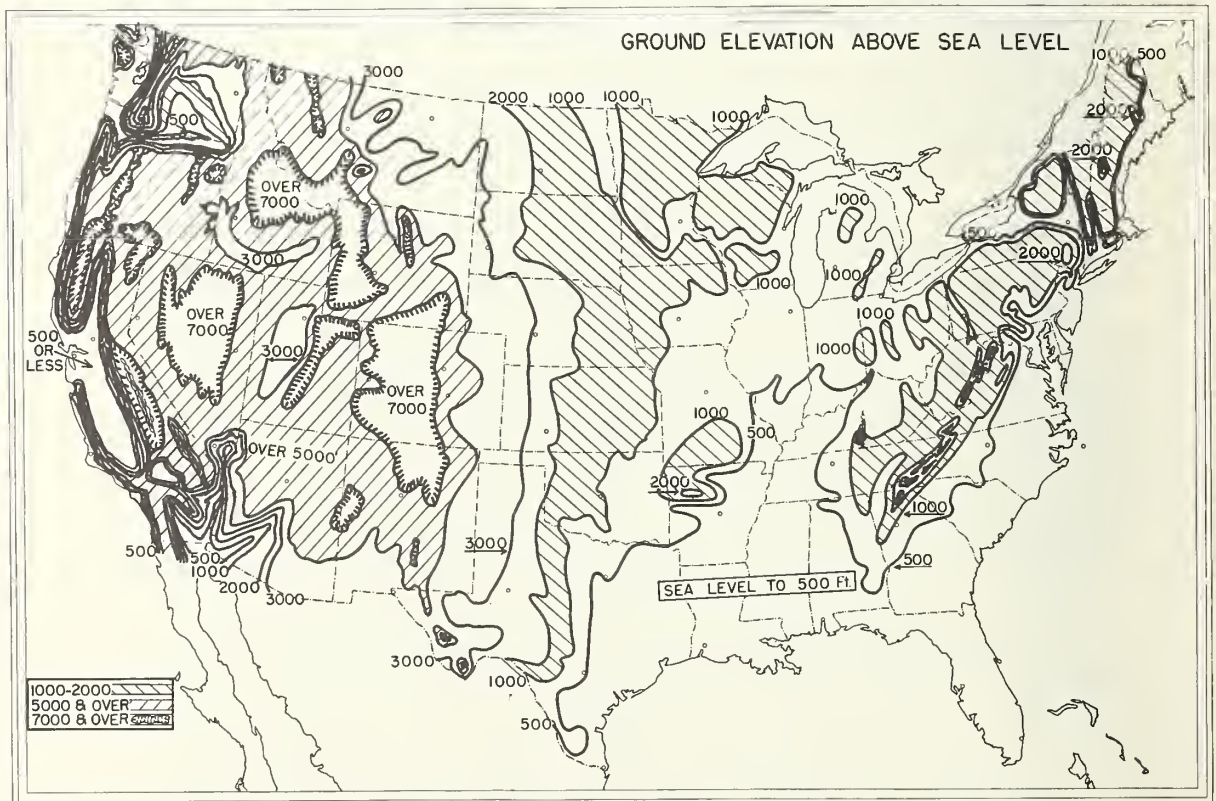


FIGURE 2. Elevation of ground above sea level.



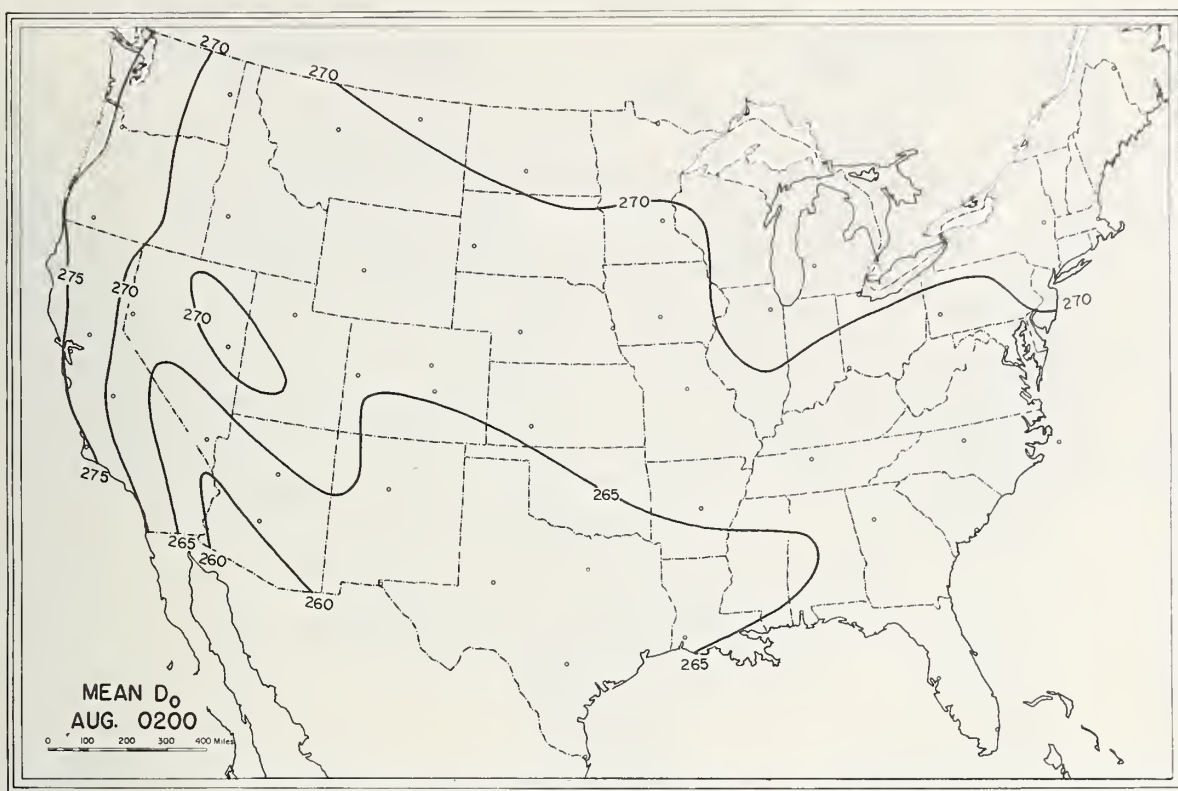


FIGURE 3. Mean  $D_0$ : August 0200 local time.

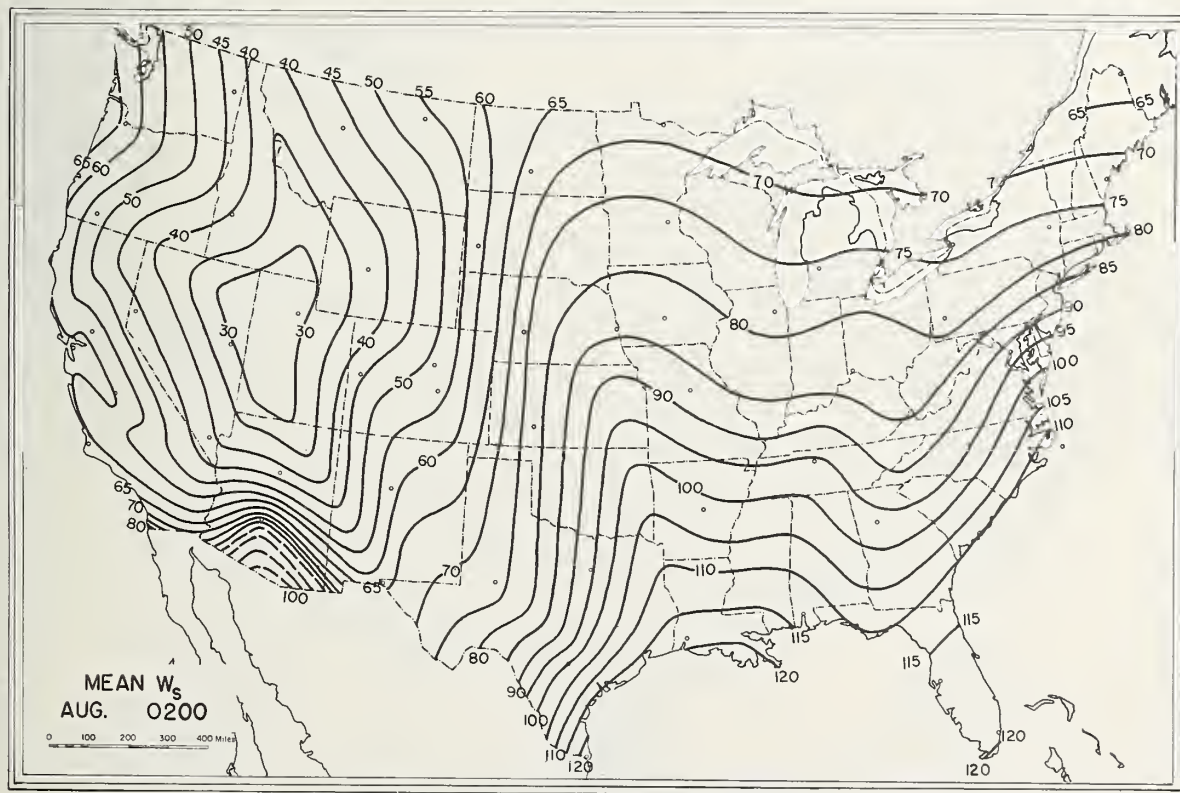


FIGURE 4. Mean  $W_s$ : August 0200 local time.



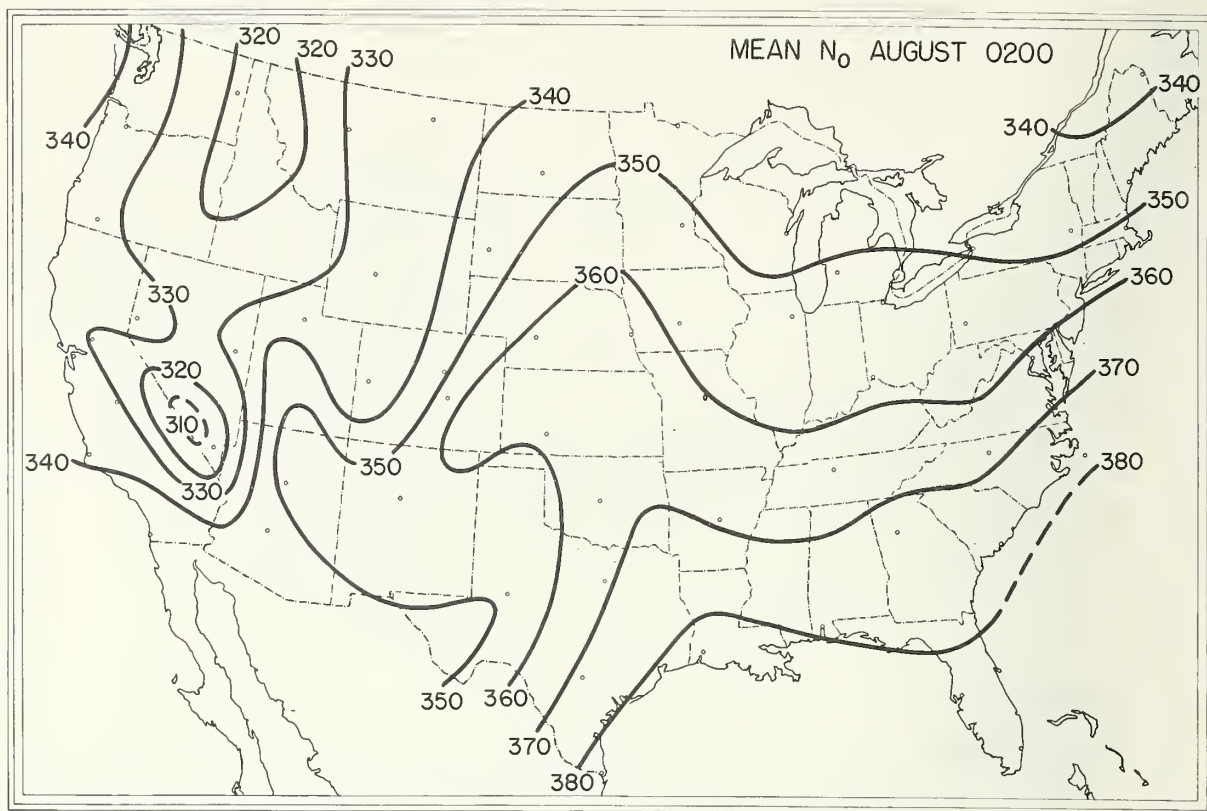


FIGURE 5. Mean  $N_0$ : August 0200 local time.

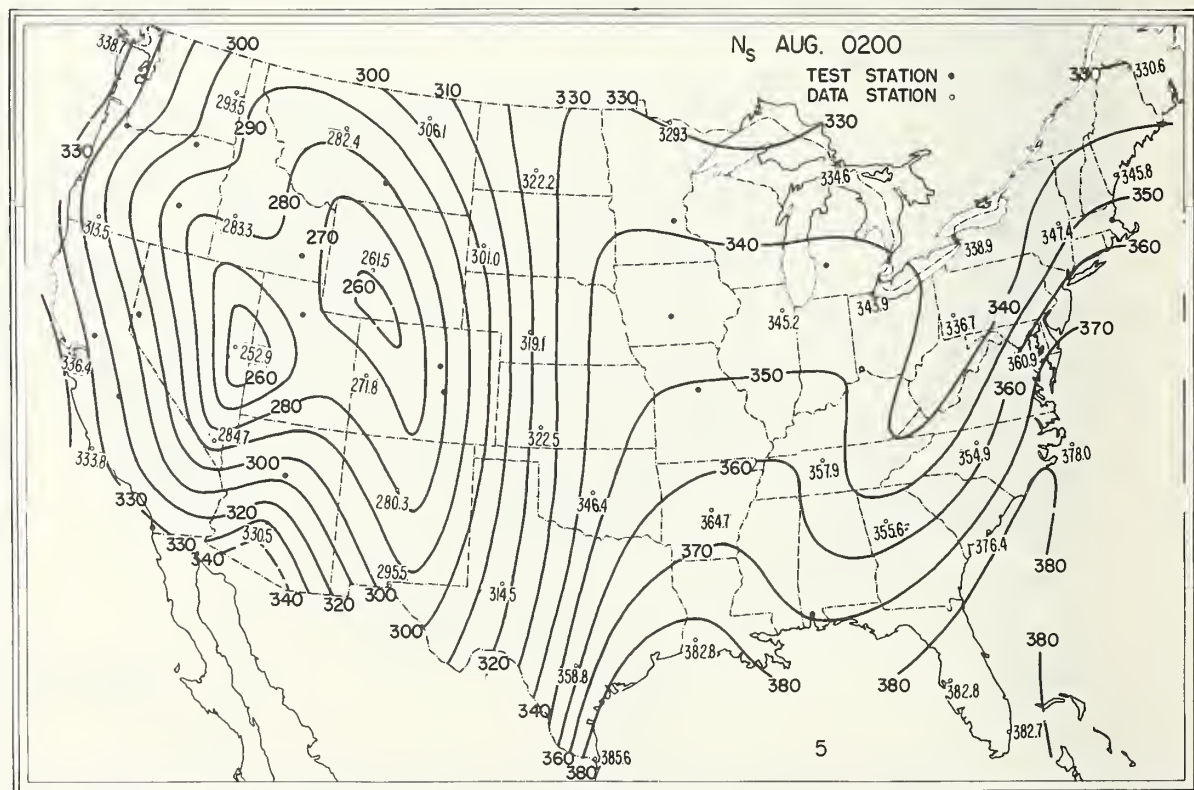


FIGURE 6. Mean  $N_s$ : August 0200 (Test Map).





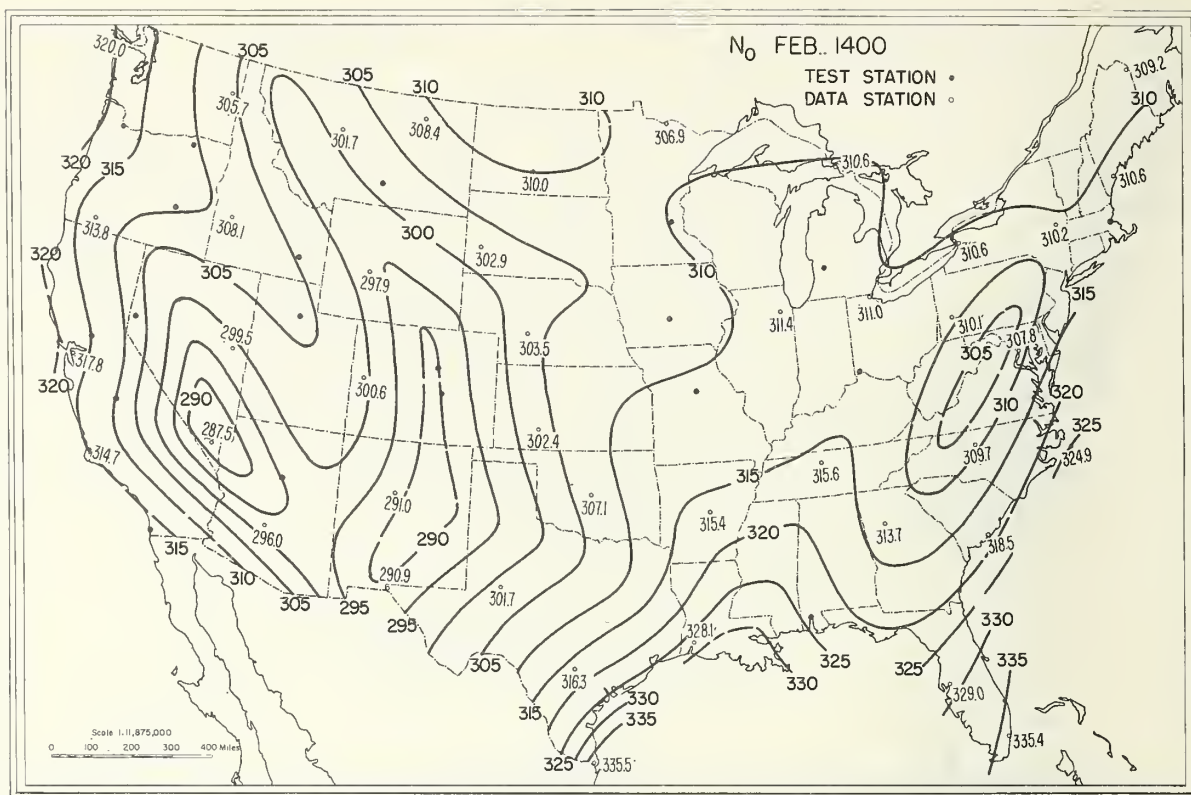


FIGURE 9. Mean  $N_0$ : February 1400 (Test Map).

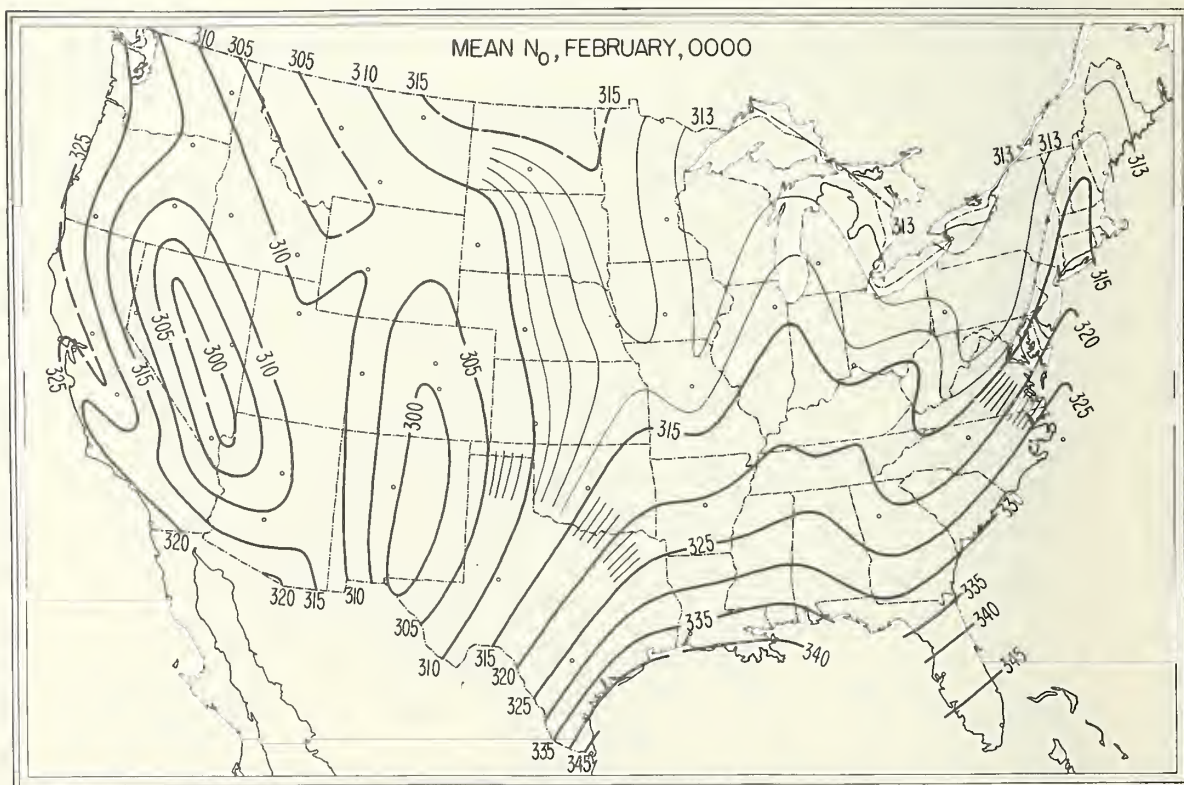


FIGURE 10.  $\bar{N}_0$ , February, 0000 local time.



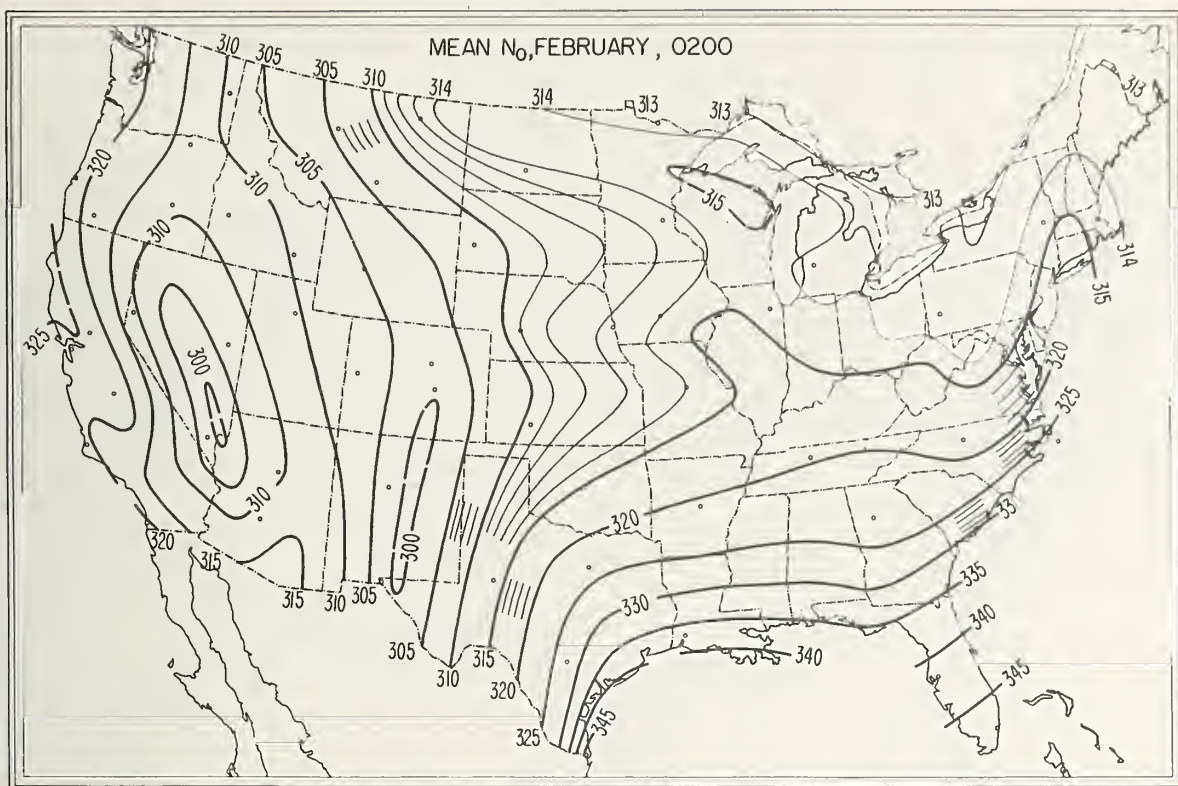


FIGURE 11.  $\bar{N}_0$ , February, 0200 local time.

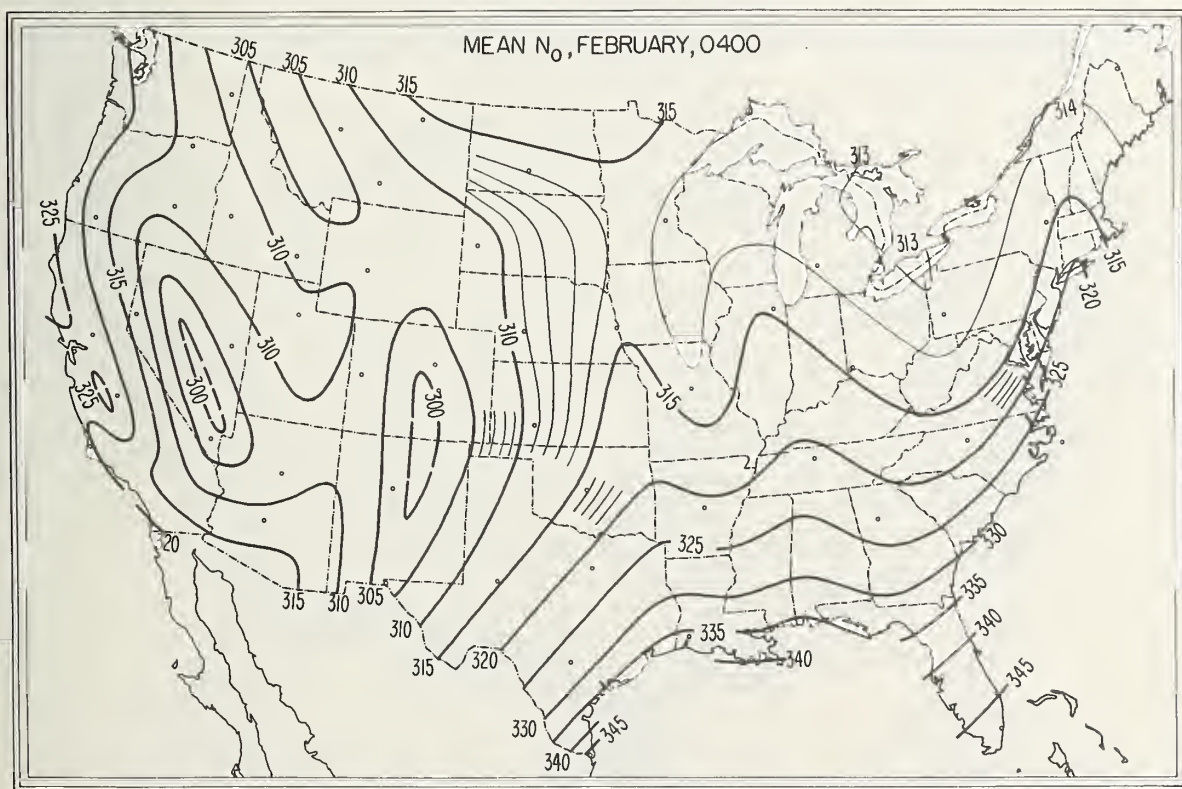


FIGURE 12.  $\bar{N}_0$ , February, 0400 local time.

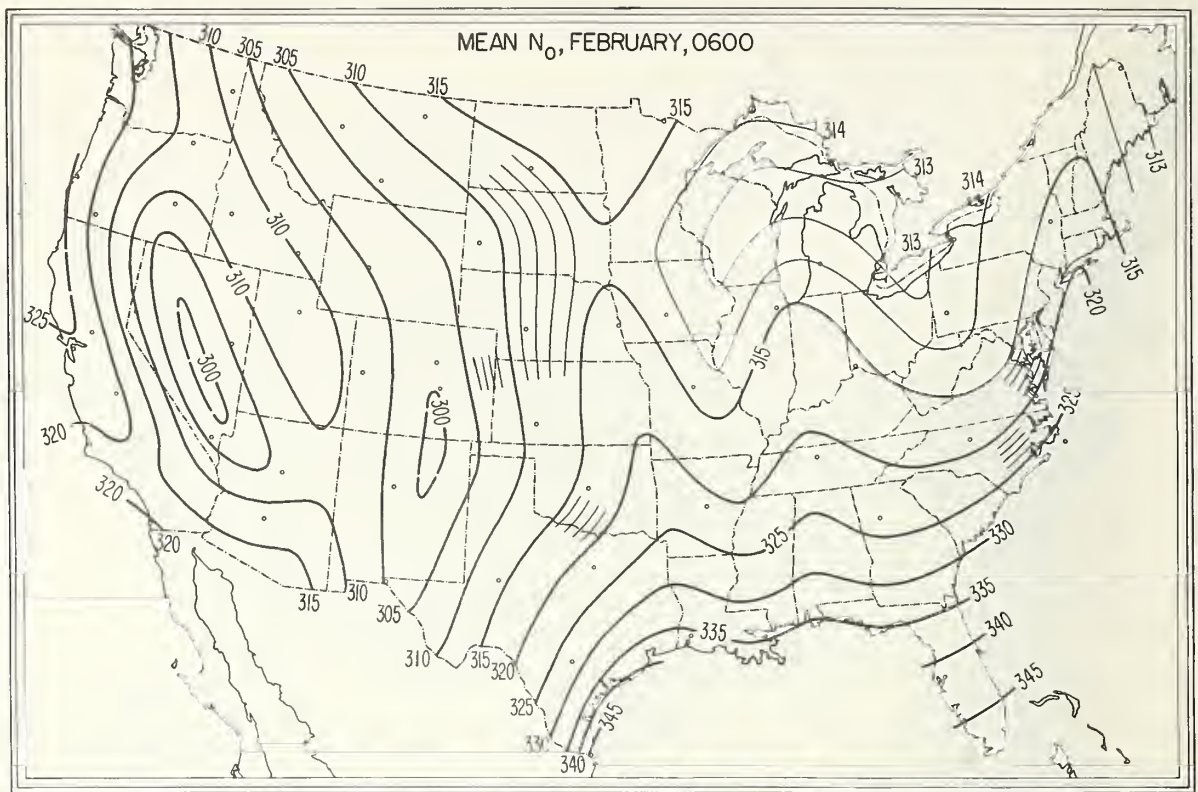


FIGURE 13.  $\bar{N}_O$ , February, 0600 local time.

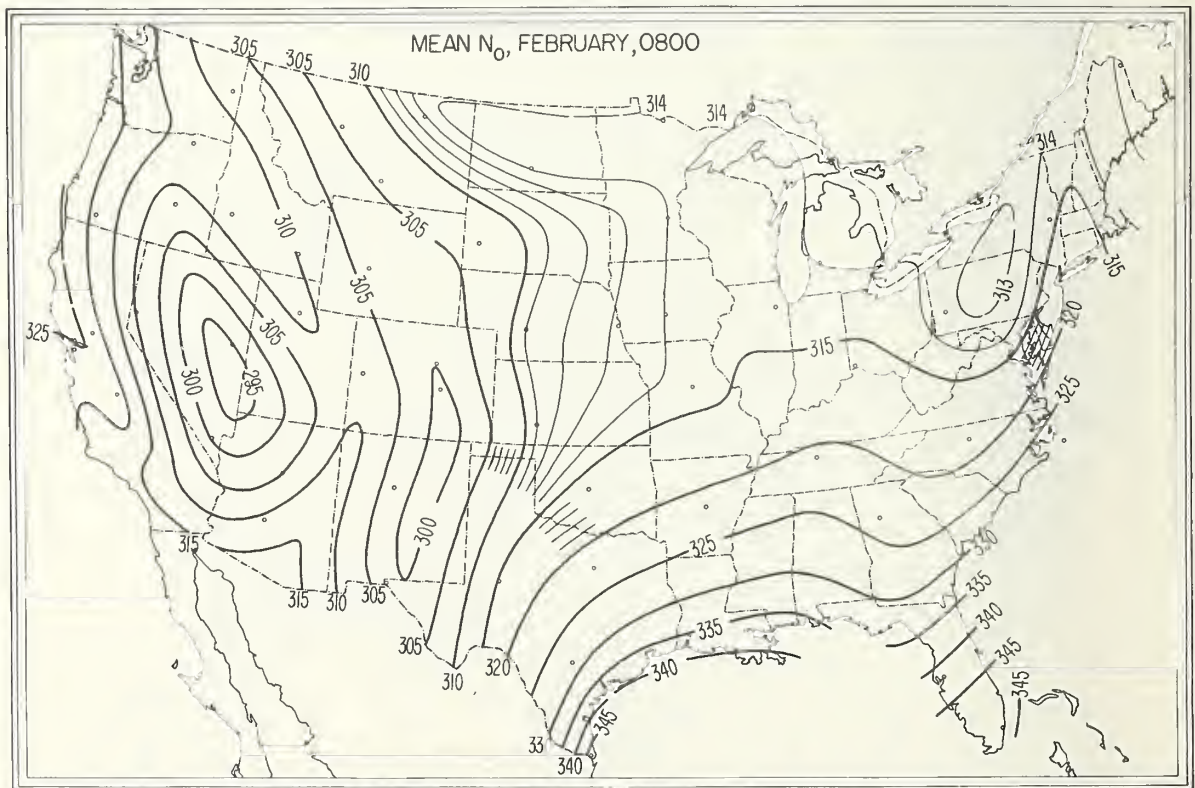


FIGURE 14.  $\bar{N}_O$ , February, 0800 local time.



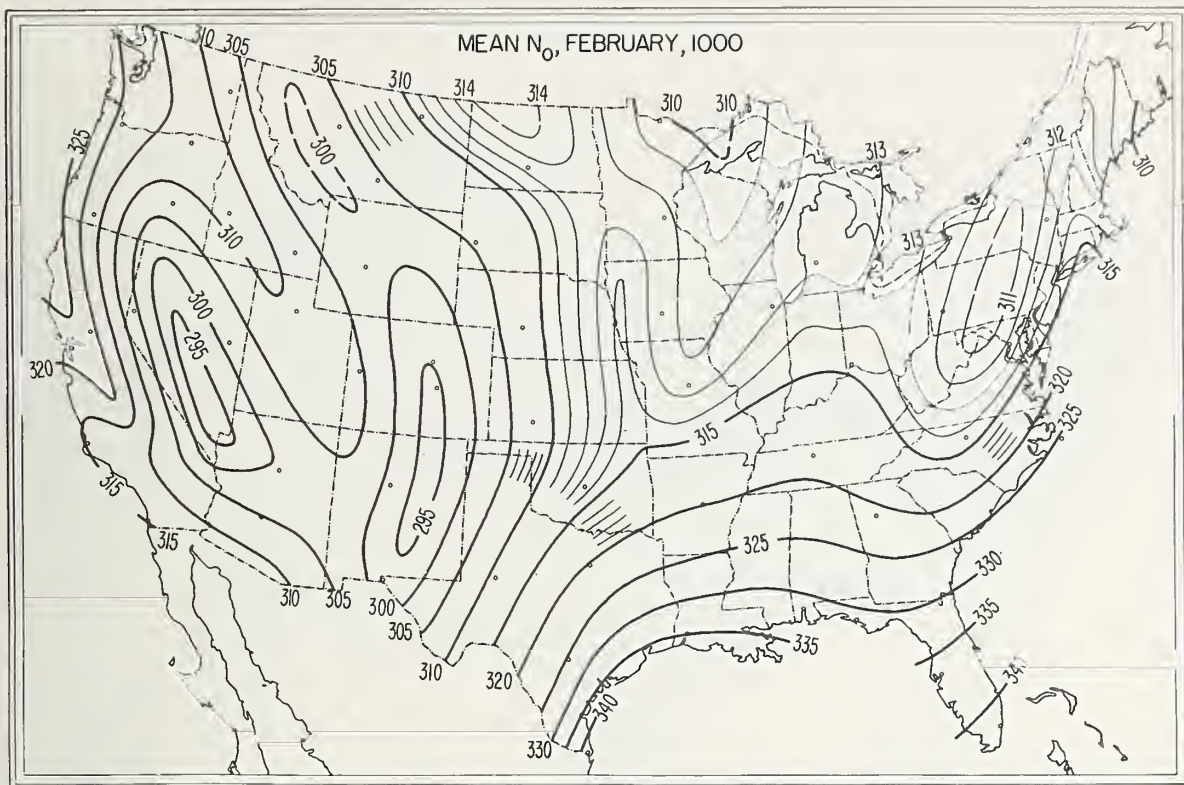


FIGURE 15.  $\bar{N}_o$ , February, 1000 local time.

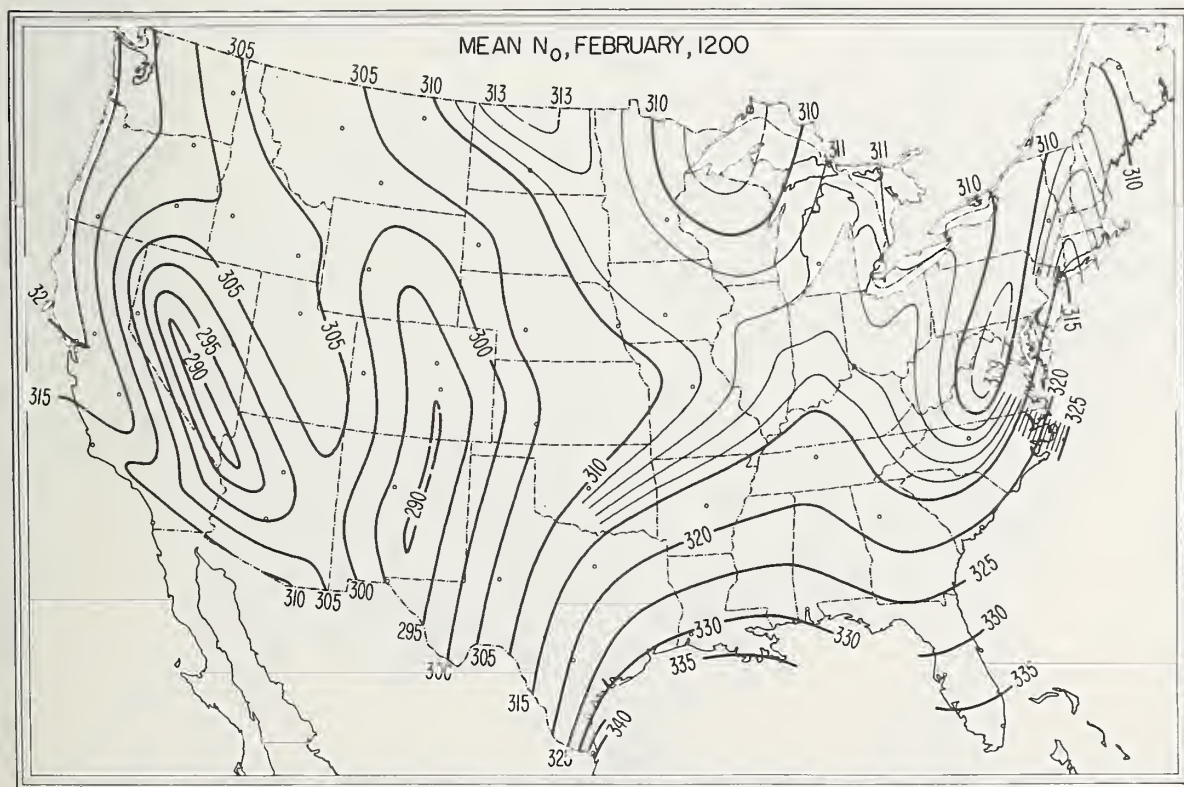


FIGURE 16.  $\bar{N}_o$ , February, 1200 local time.



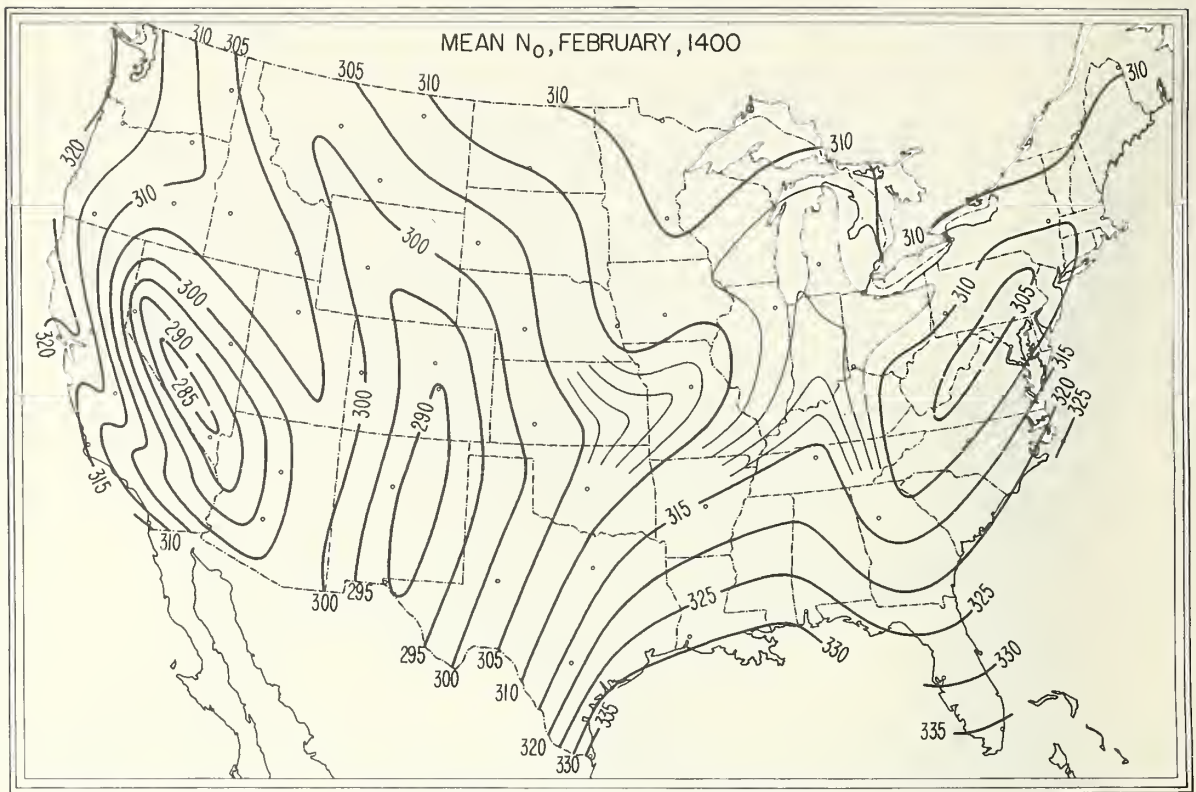


FIGURE 17.  $\bar{N}_o$ , February, 1400 local time.

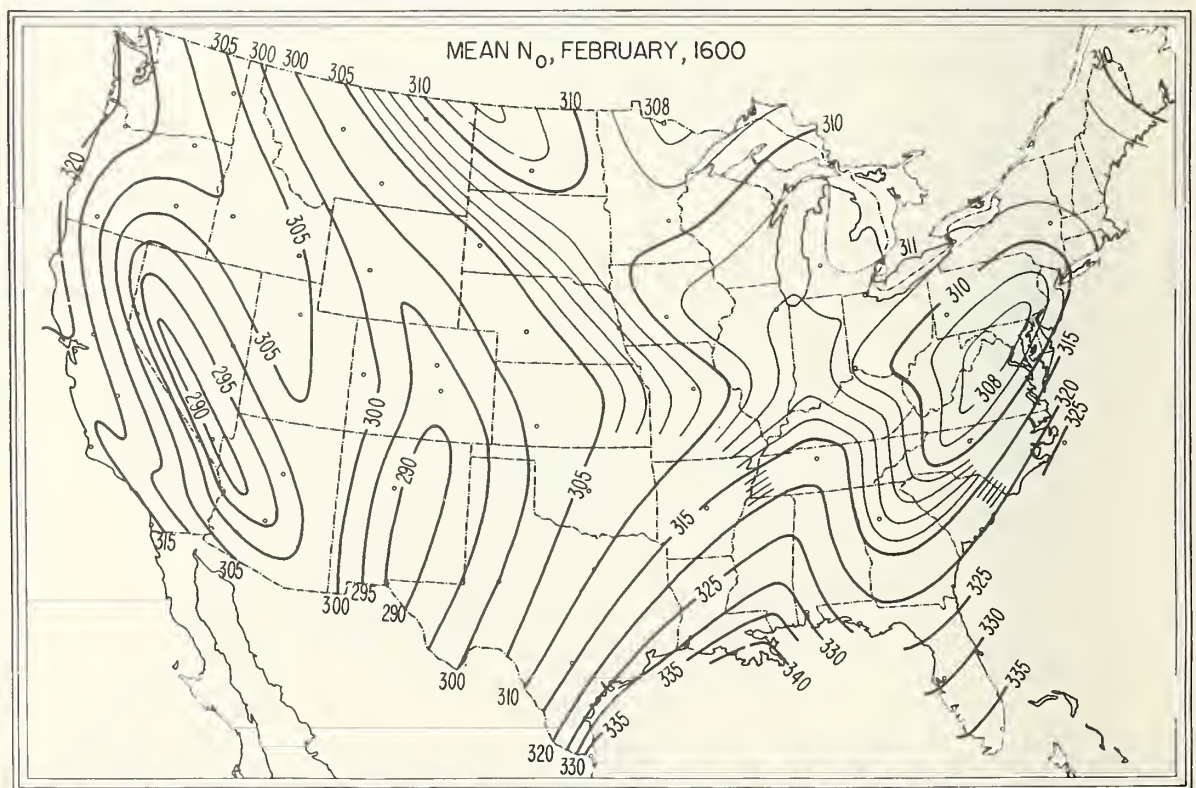


FIGURE 18.  $\bar{N}_o$ , February, 1600 local time.

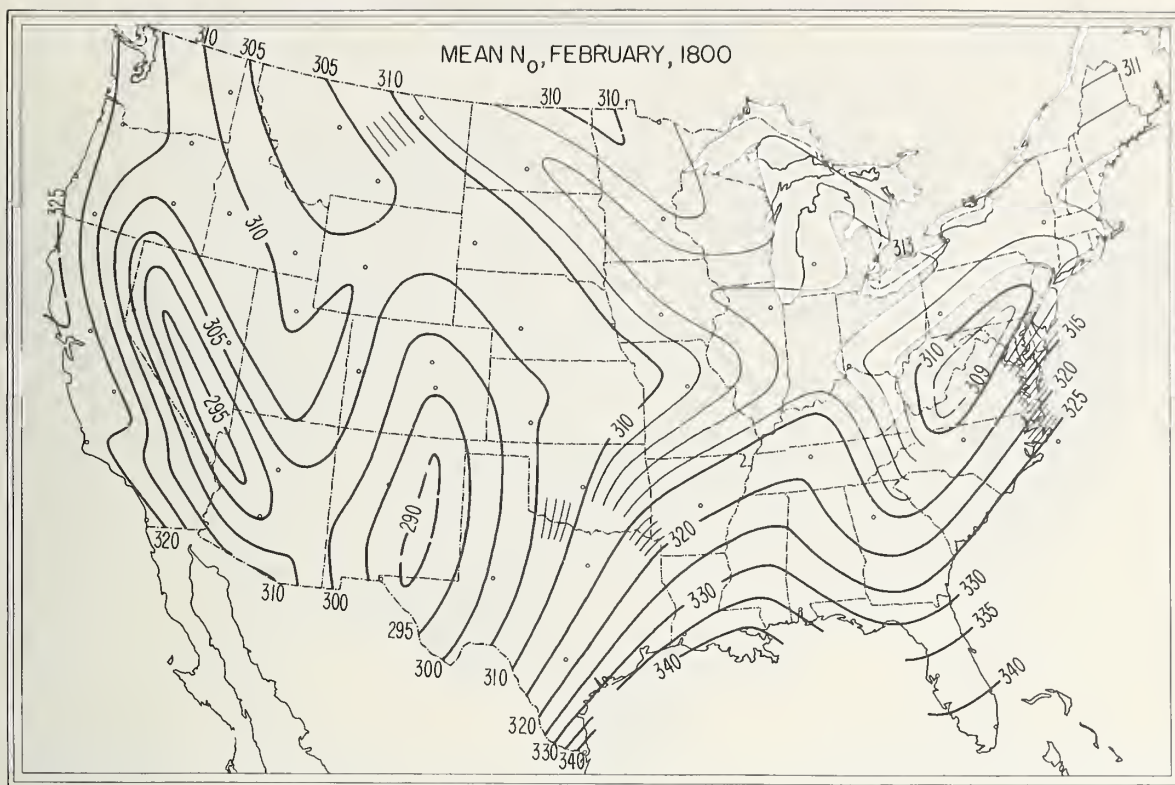


FIGURE 19.  $\bar{N}_o$ , February, 1800 local time.

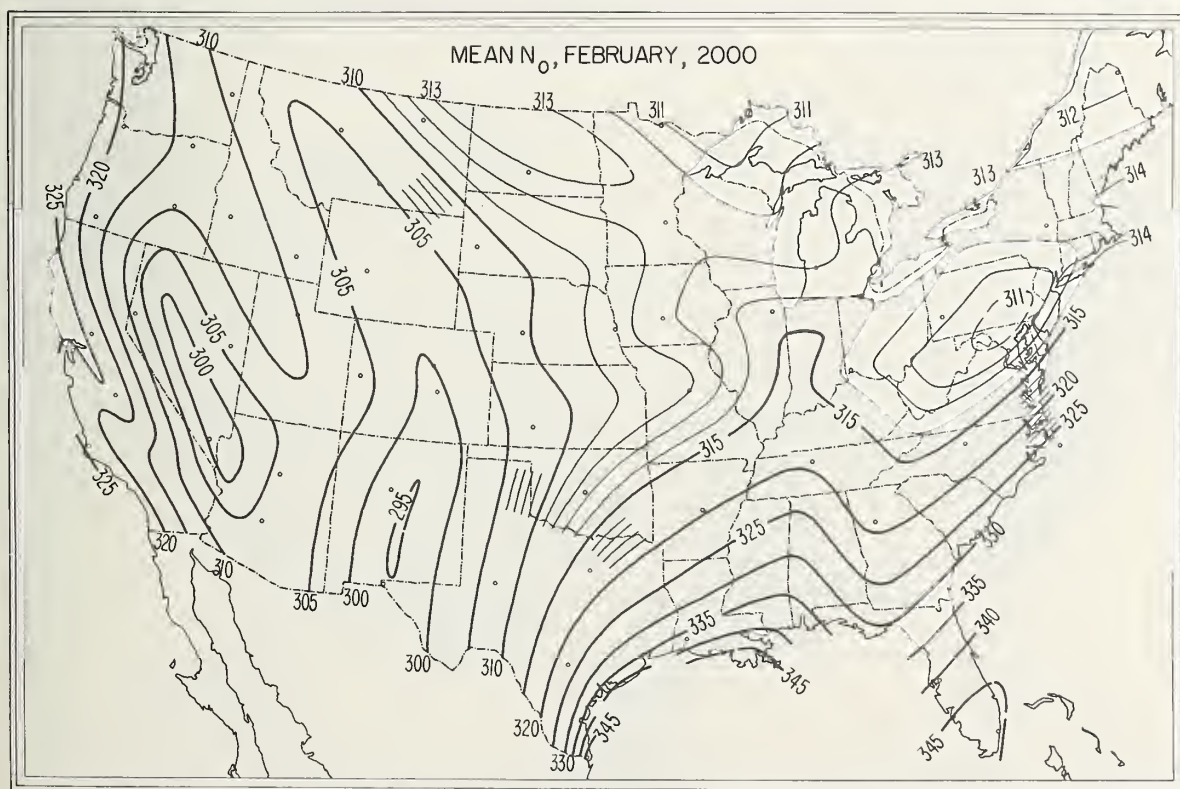


FIGURE 20.  $\bar{N}_o$ , February, 2000 local time.



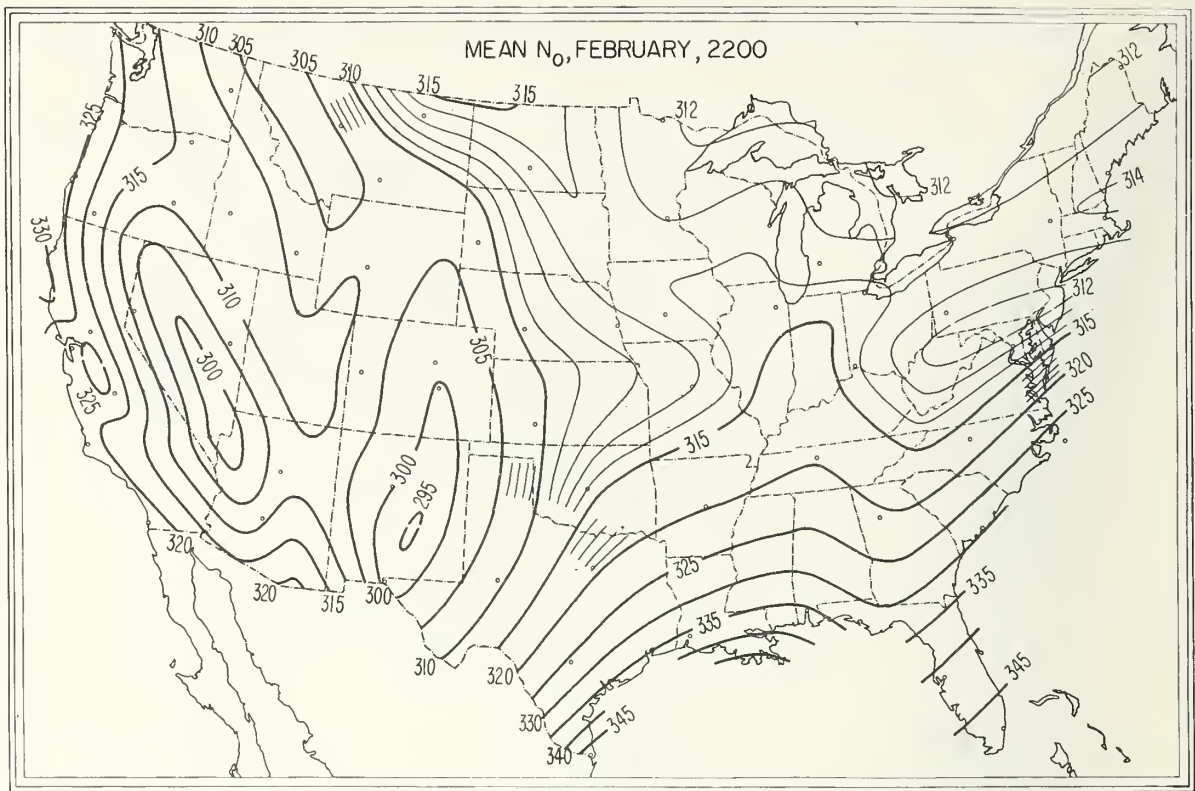


FIGURE 21.  $\bar{N}_0$ , February, 2200 local time.

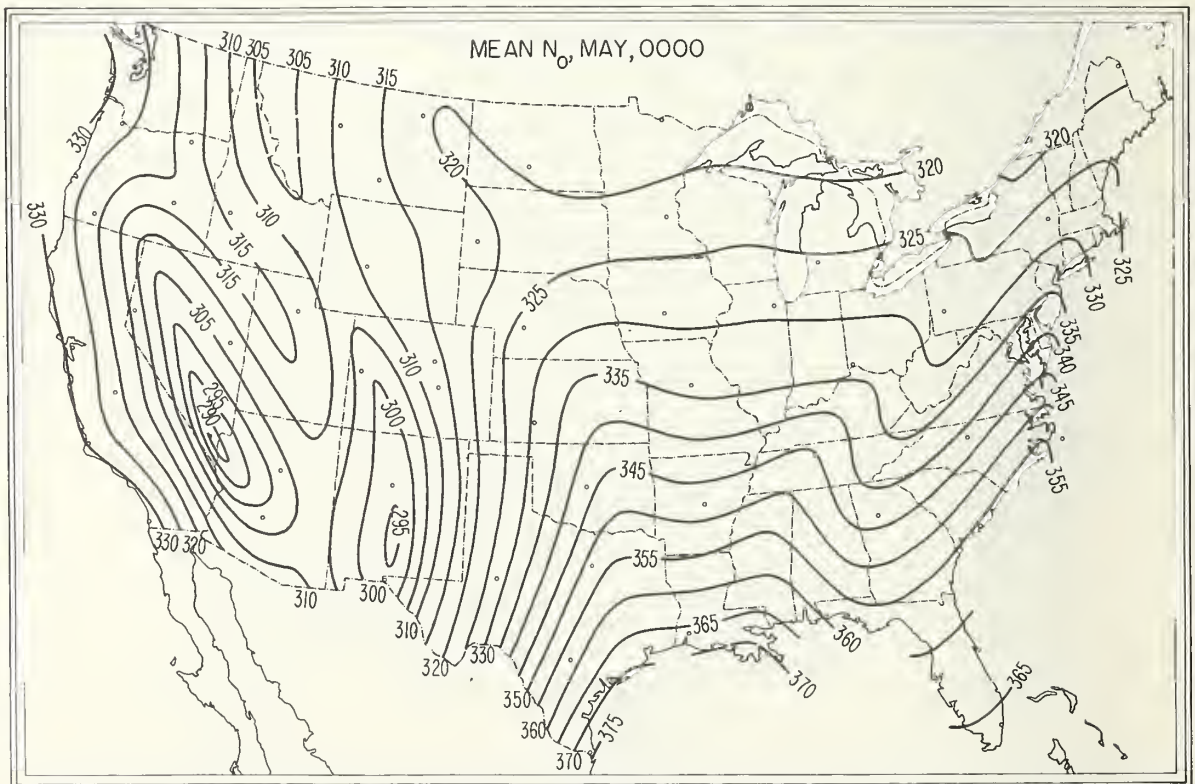


FIGURE 22.  $\bar{N}_0$ , May, 0000 local time.



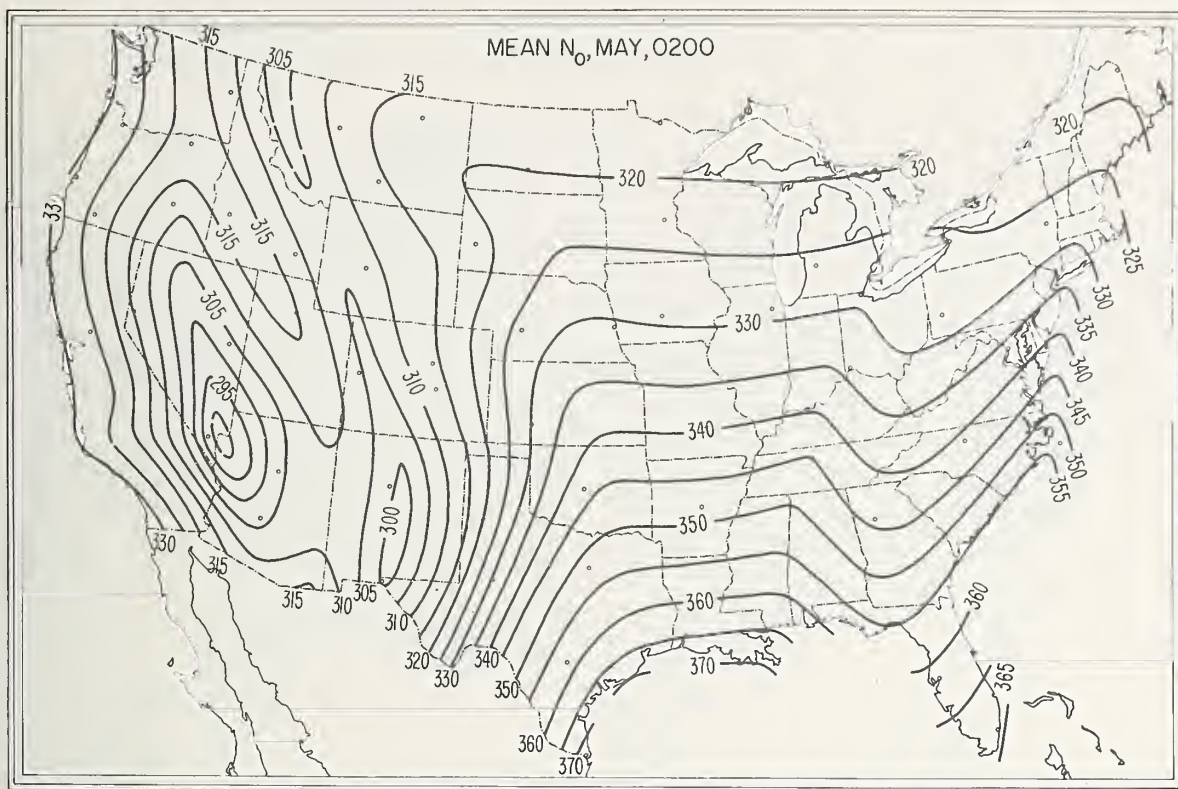


FIGURE 23.  $\bar{N}_o$ , May, 0200 local time.

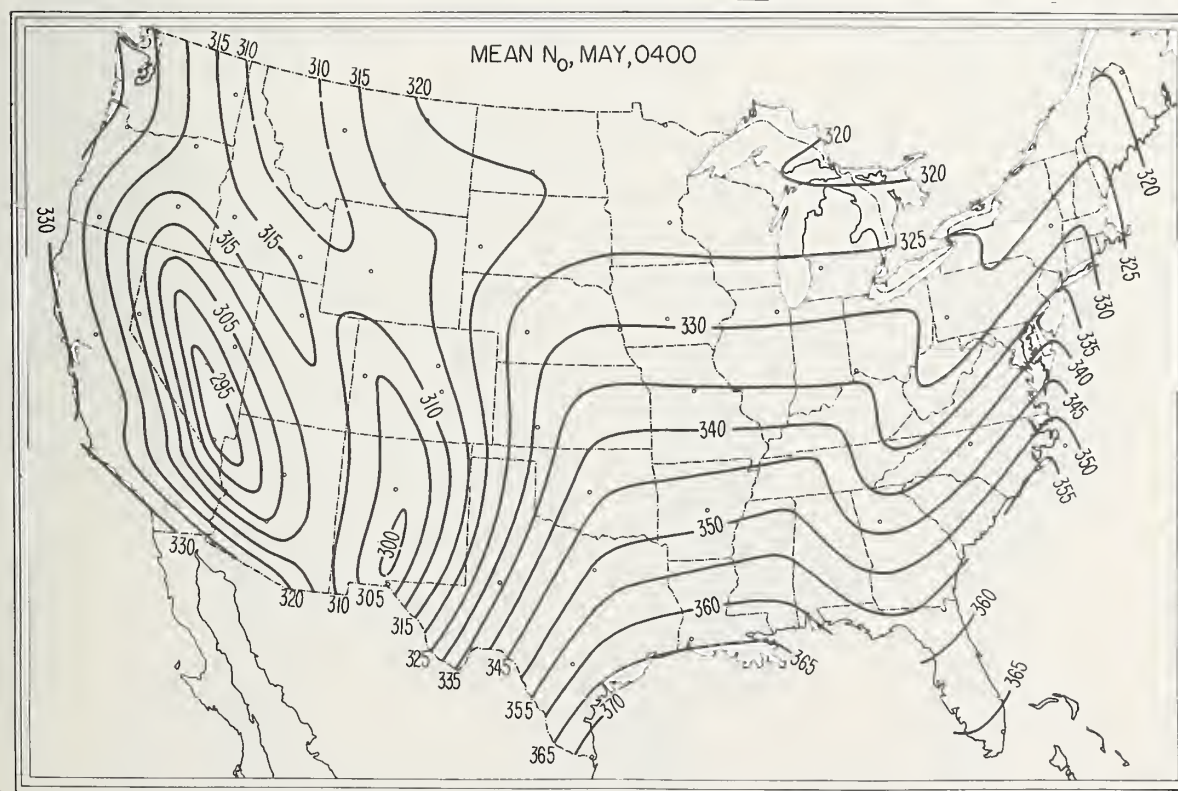


FIGURE 24.  $\bar{N}_o$ , May, 0400 local time.

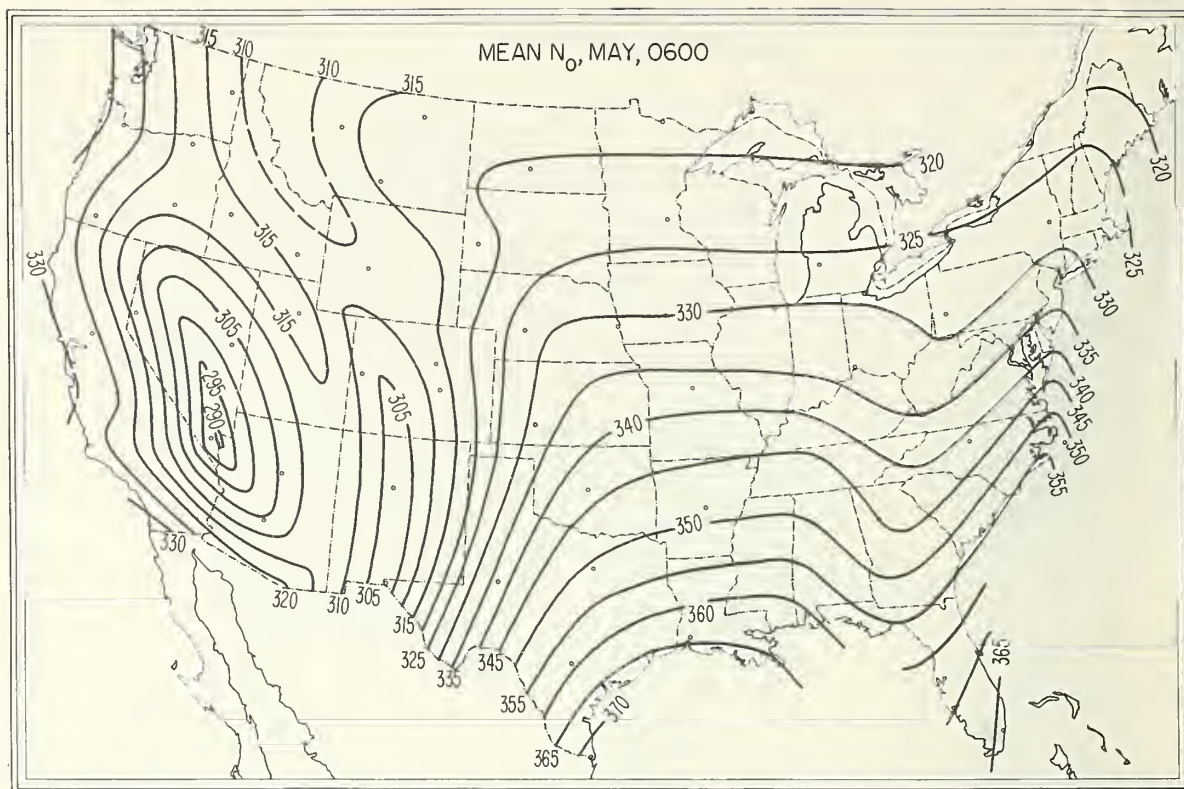


FIGURE 25.  $\bar{N}_o$ , May, 0600 local time.

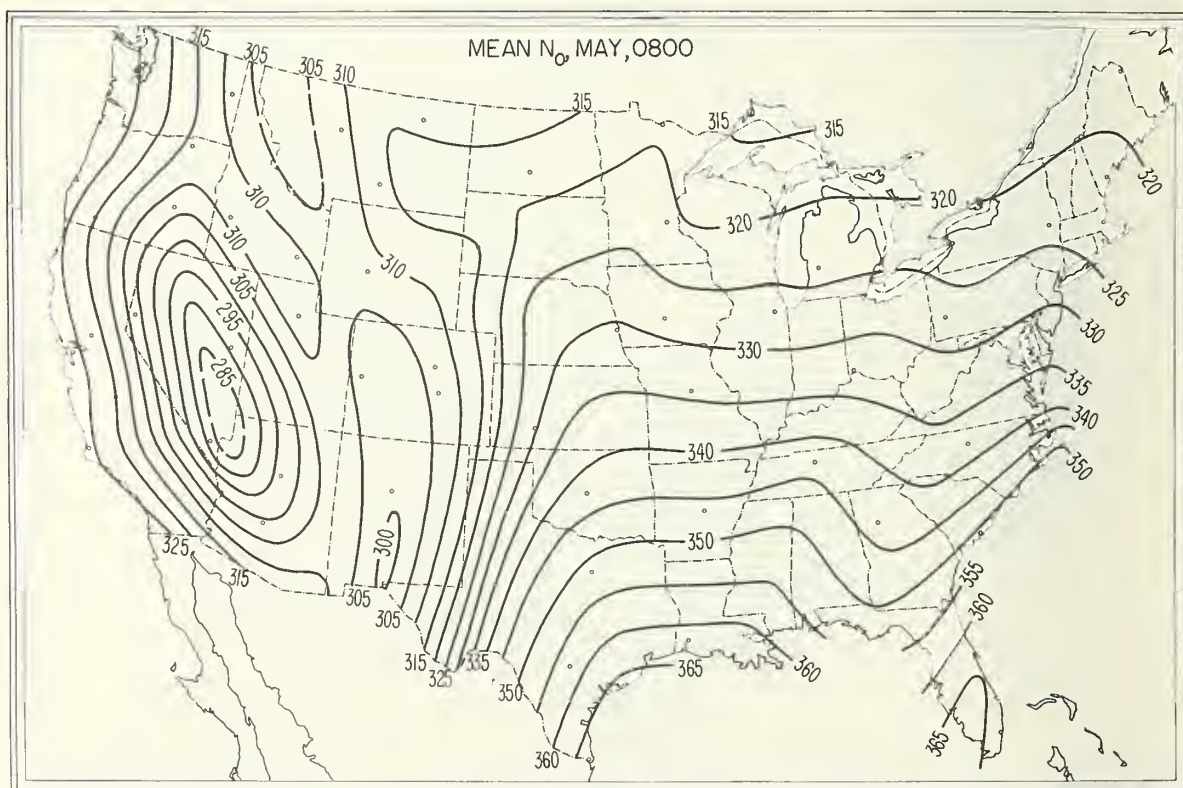


FIGURE 26.  $\bar{N}_o$ , May, 0800 local time.



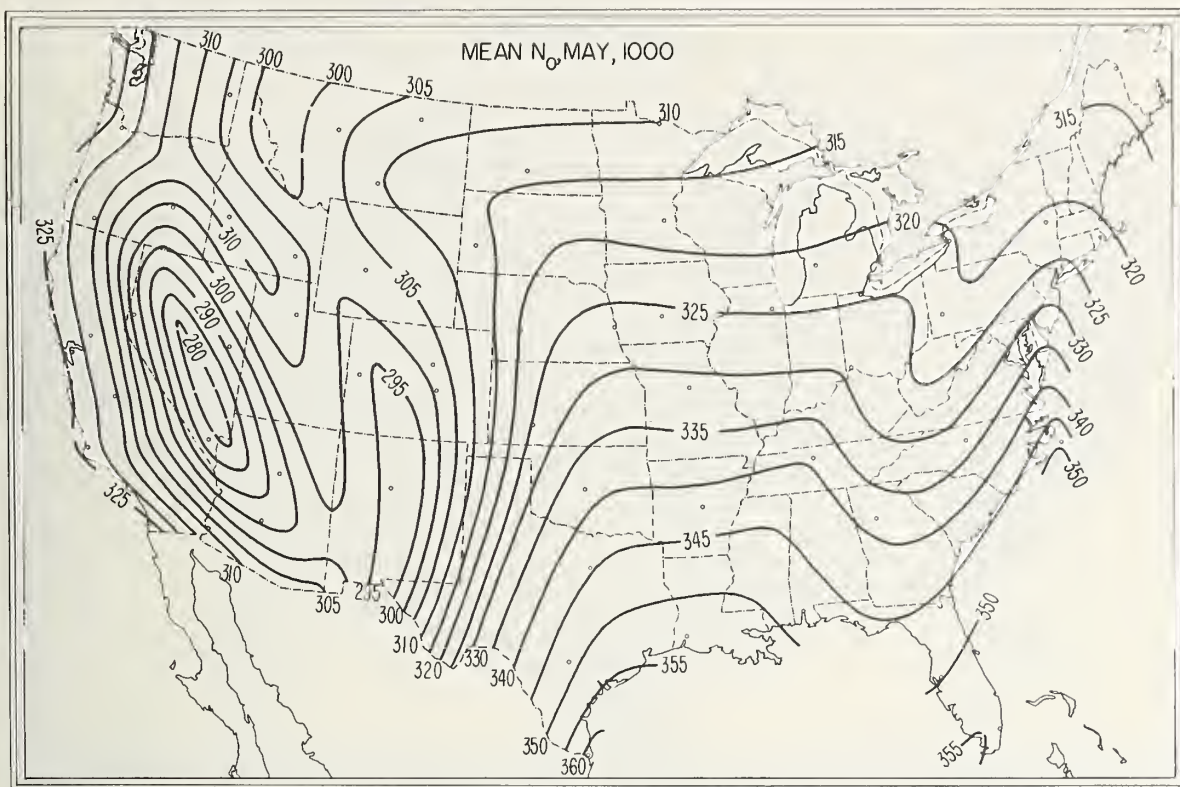


FIGURE 27.  $\bar{N}_o$ , May, 1000 local time.

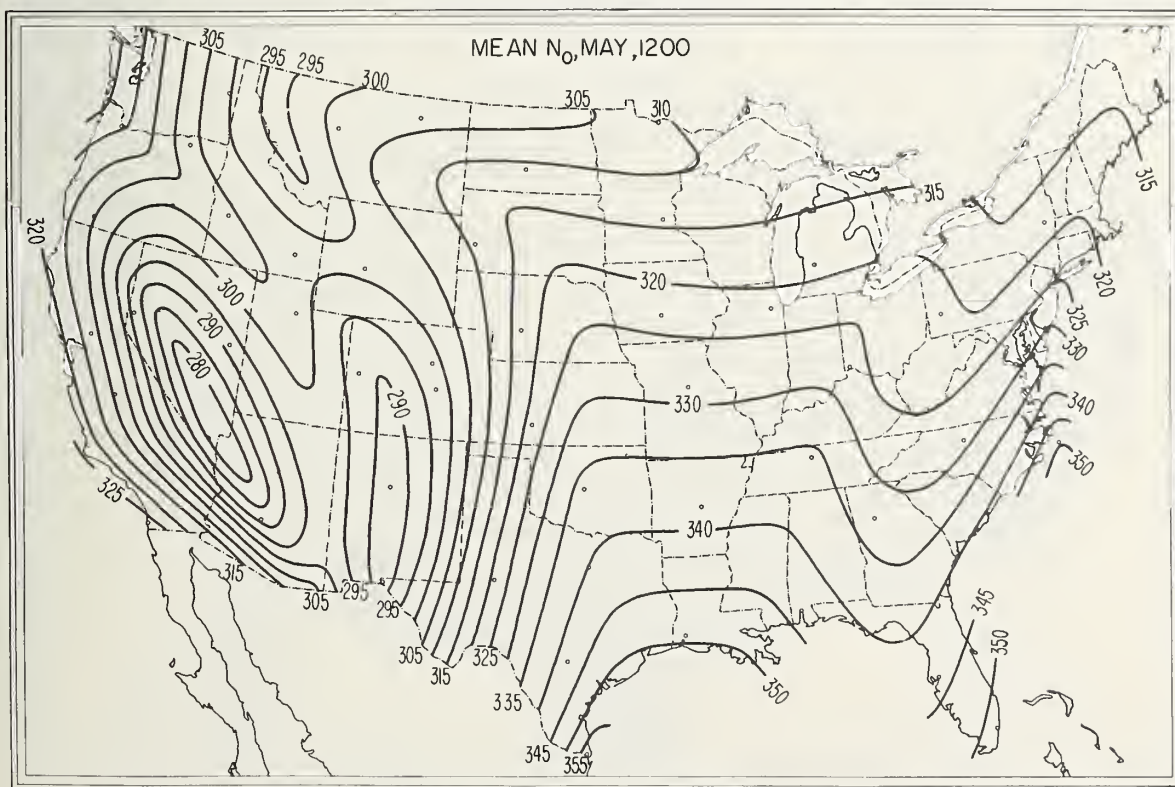


FIGURE 28.  $\bar{N}_o$ , May, 1200 local time.



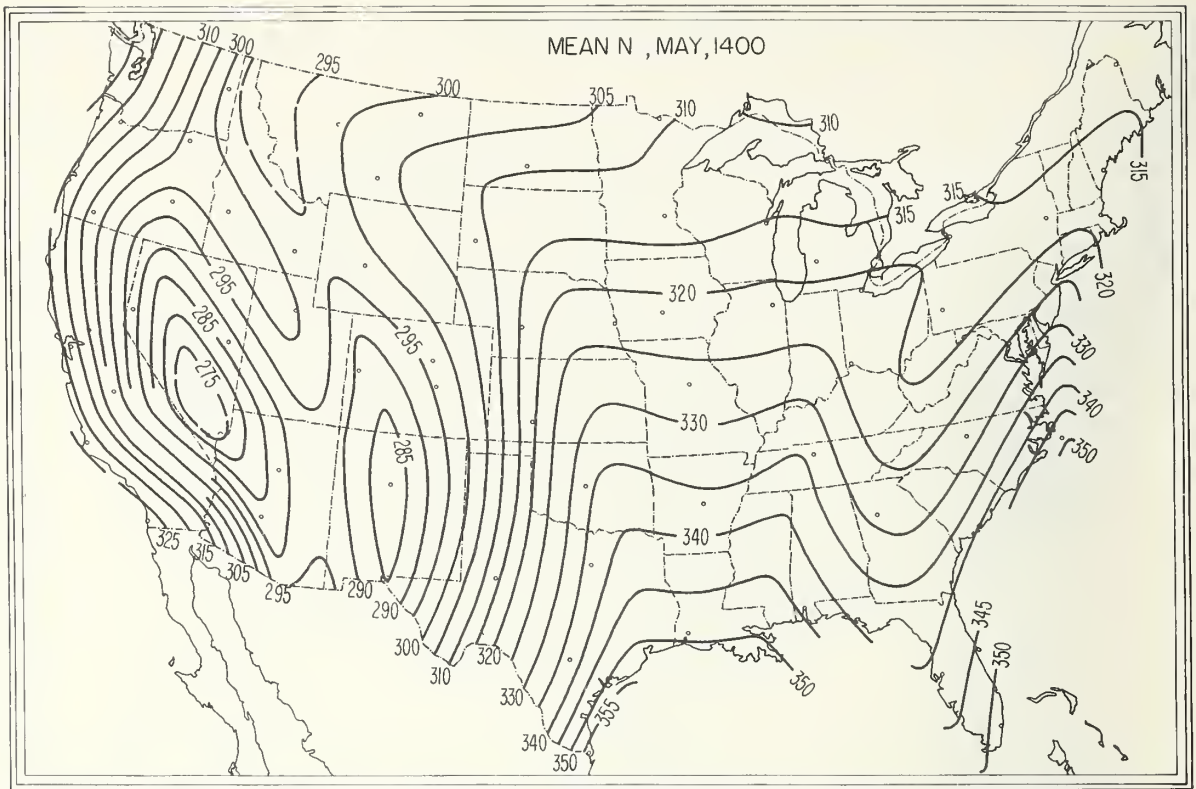


FIGURE 29.  $\bar{N}_o$ , May, 1400 local time.

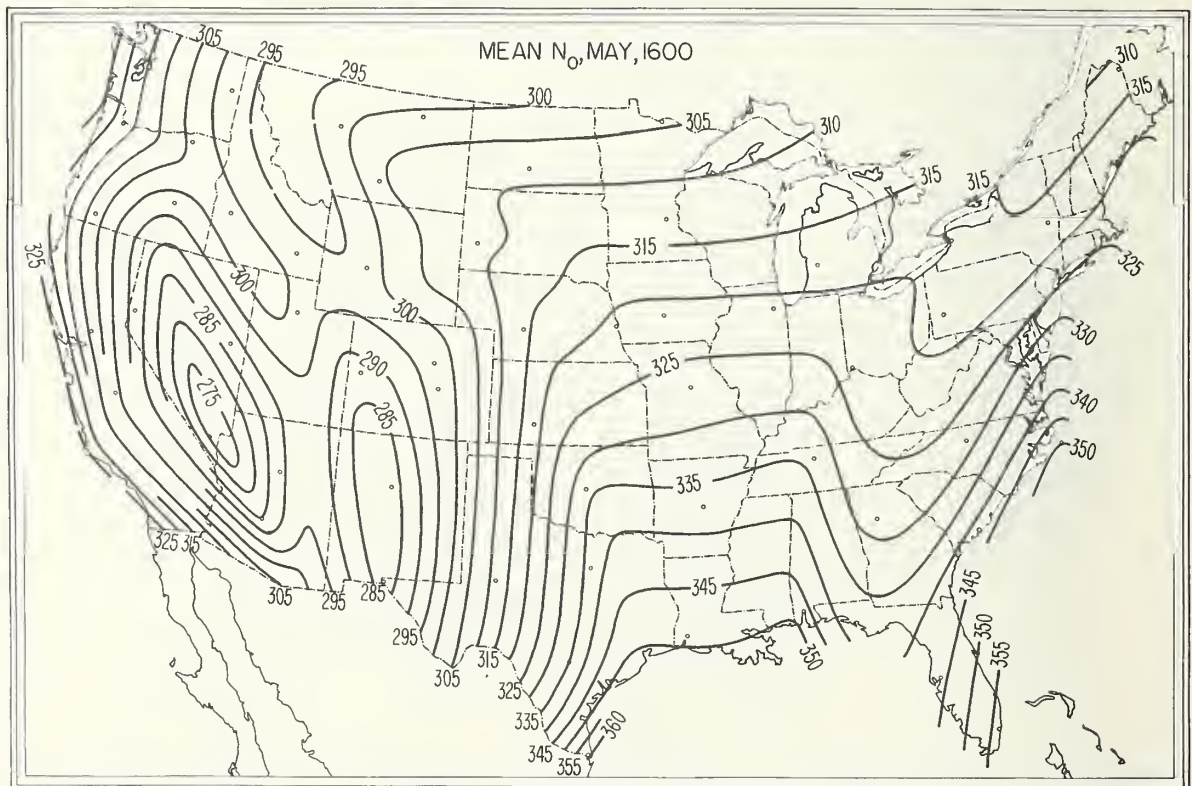


FIGURE 30.  $\bar{N}_o$ , May, 1600 local time.

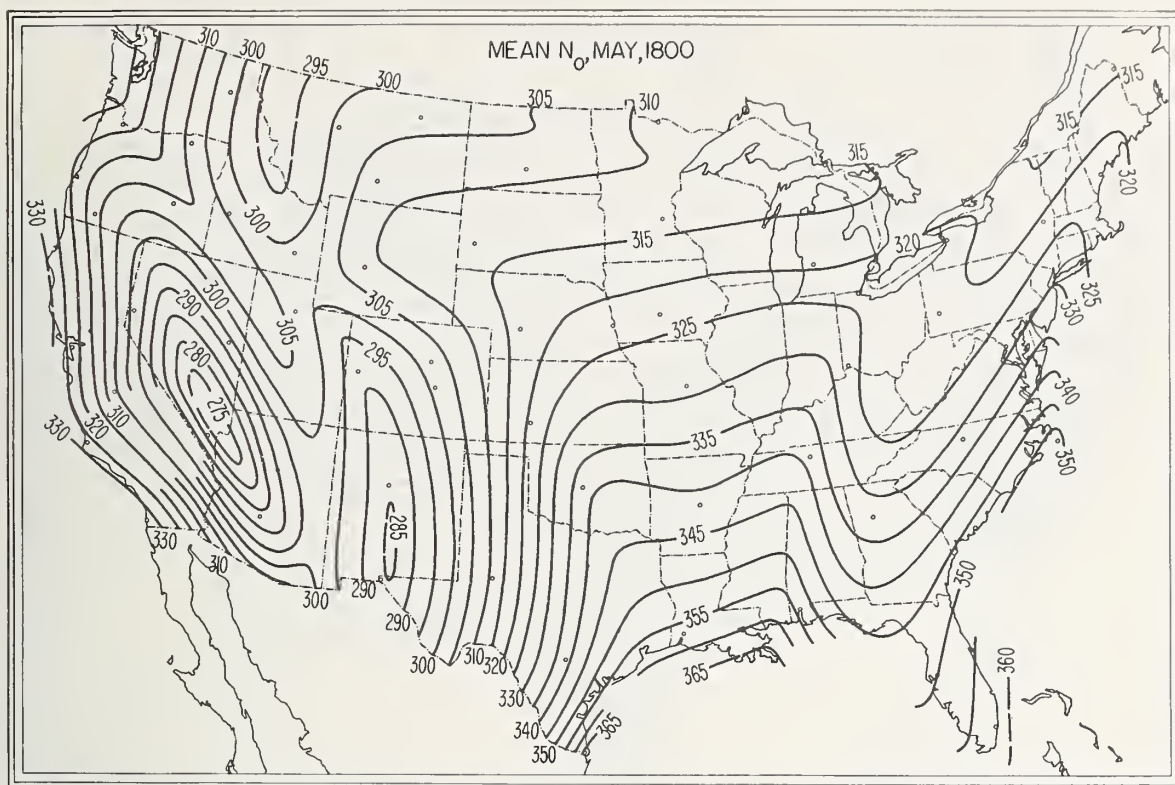


FIGURE 31.  $\bar{N}_O$ , May, 1800 local time.

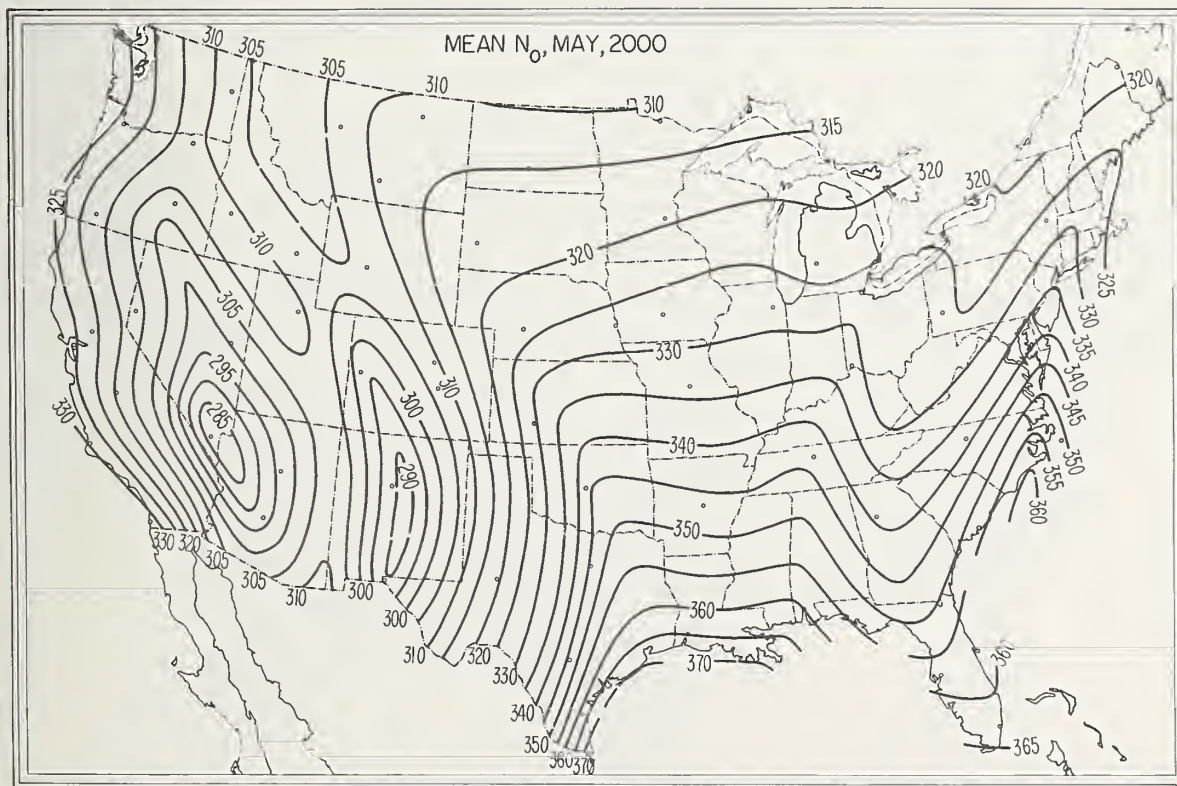


FIGURE 32.  $\bar{N}_O$ , May, 2000 local time.



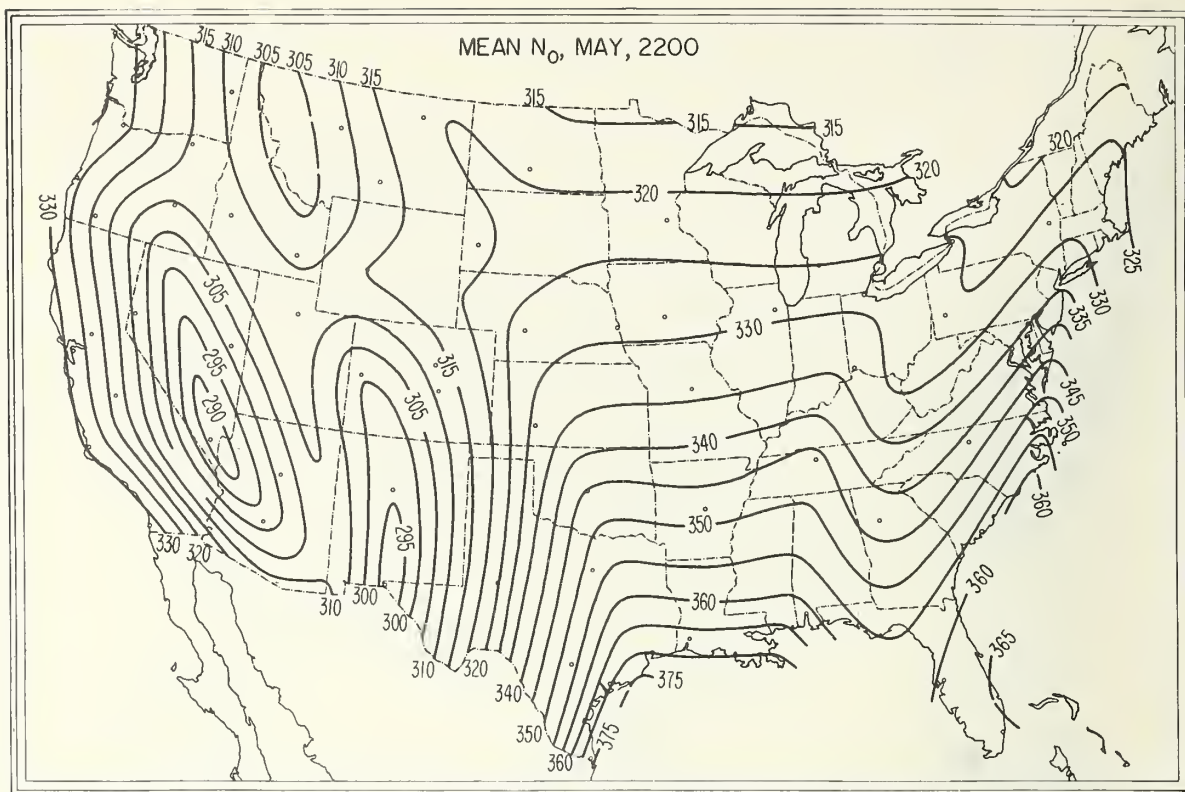


FIGURE 33.  $\bar{N}_o$ , May, 2200 local time.

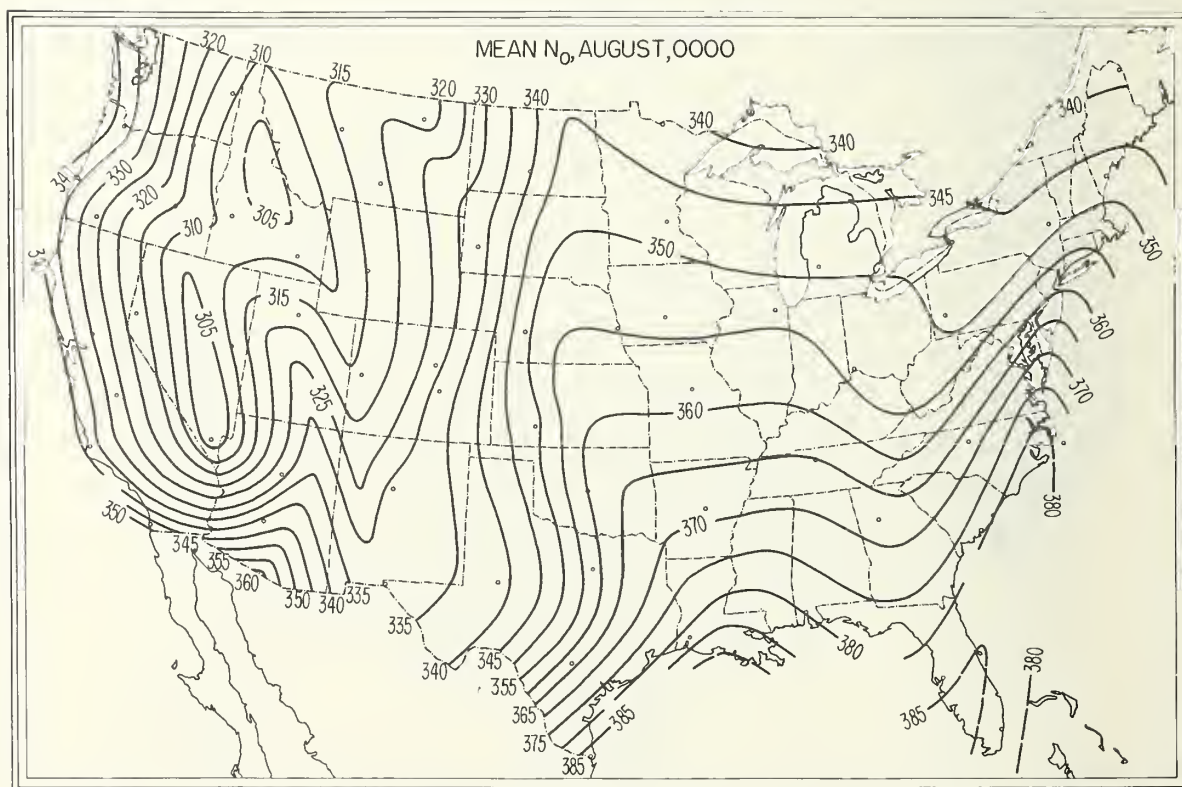


FIGURE 34.  $\bar{N}_o$ , August, 0000 local time.



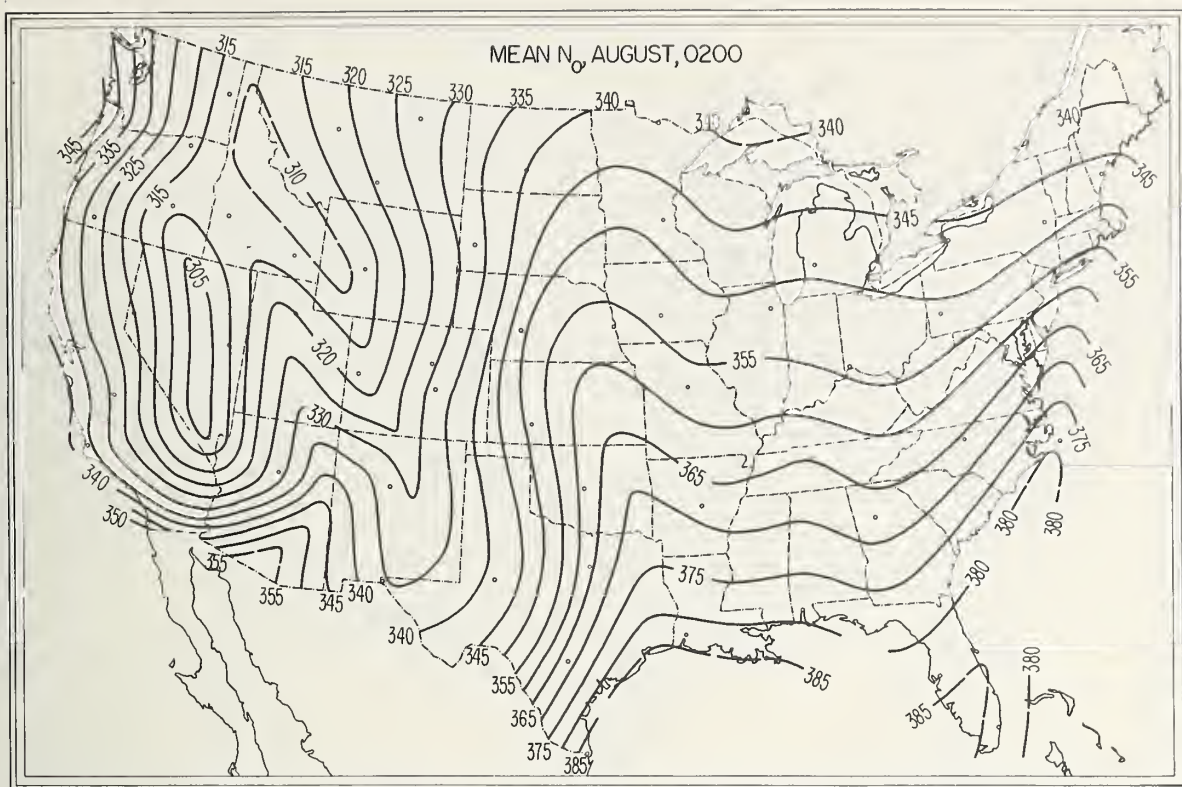


FIGURE 35.  $\bar{N}_o$ , August, 0200 local time.

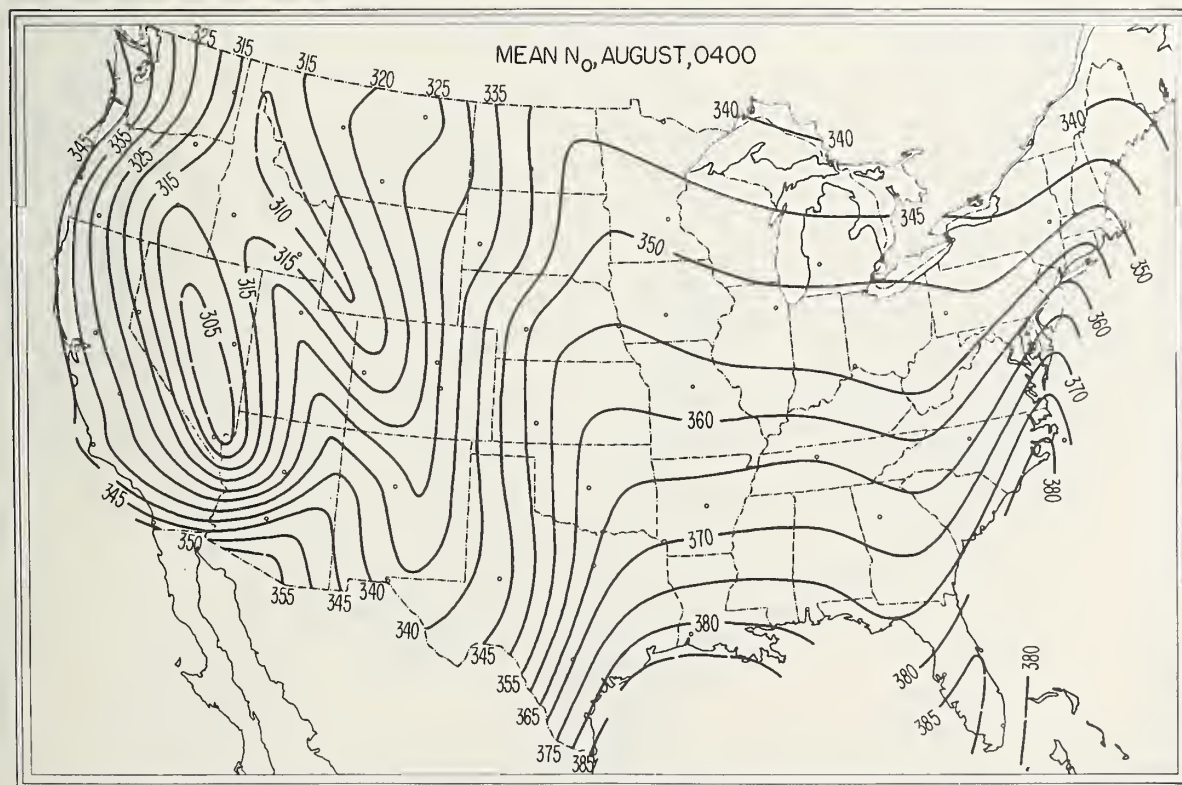


FIGURE 36.  $\bar{N}_o$ , August, 0400 local time.

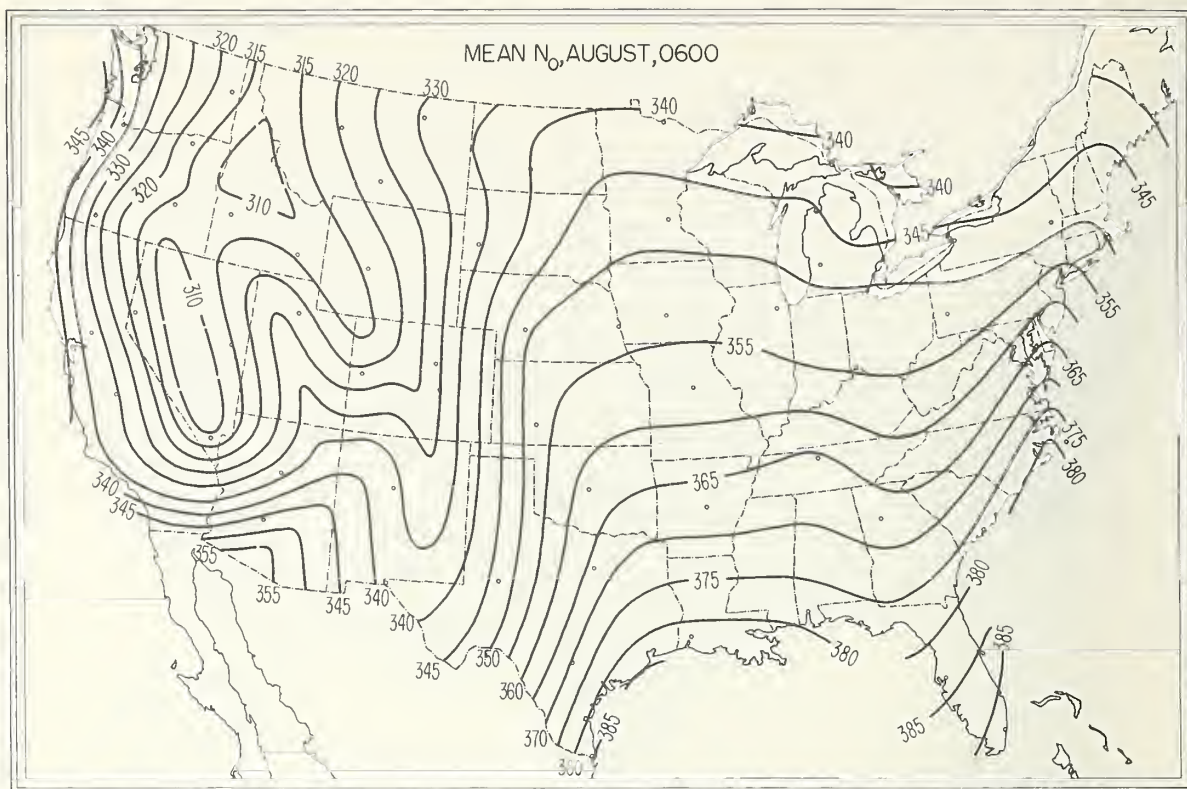


FIGURE 37.  $\bar{N}_o$ , August, 0600 local time.

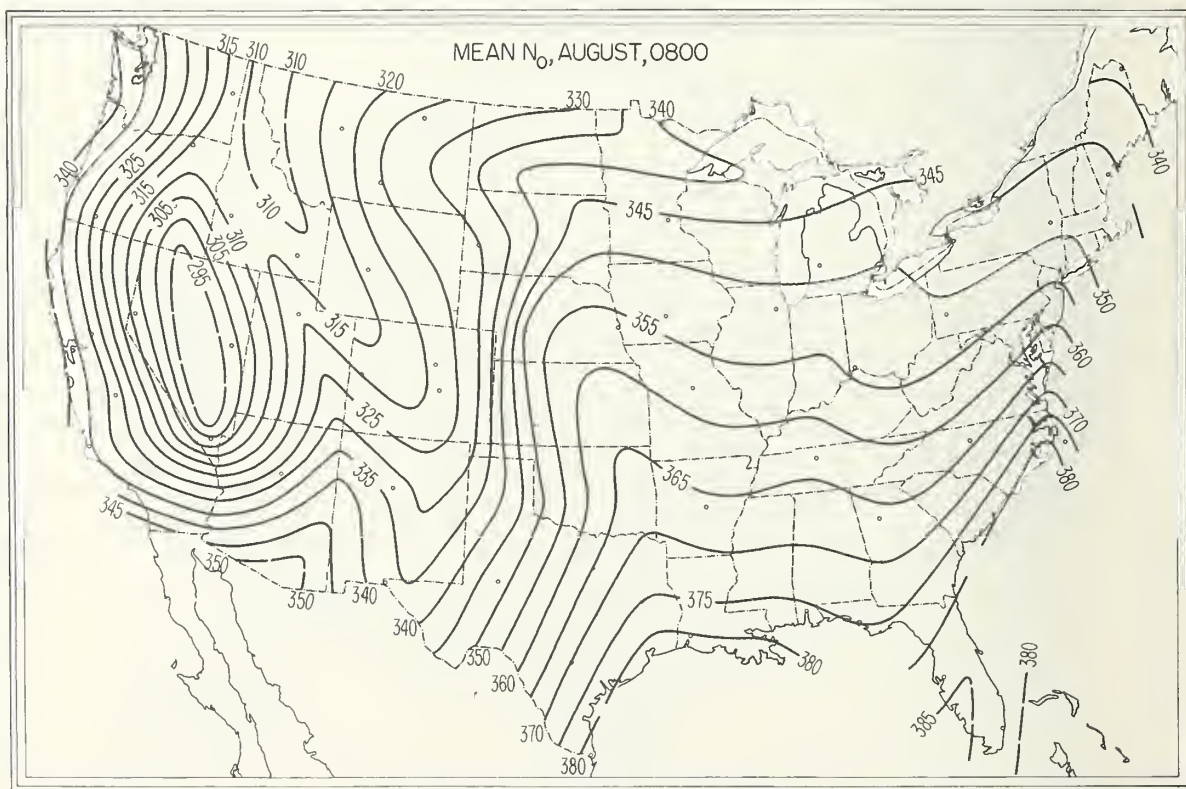


FIGURE 38.  $\bar{N}_o$ , August, 0800 local time.



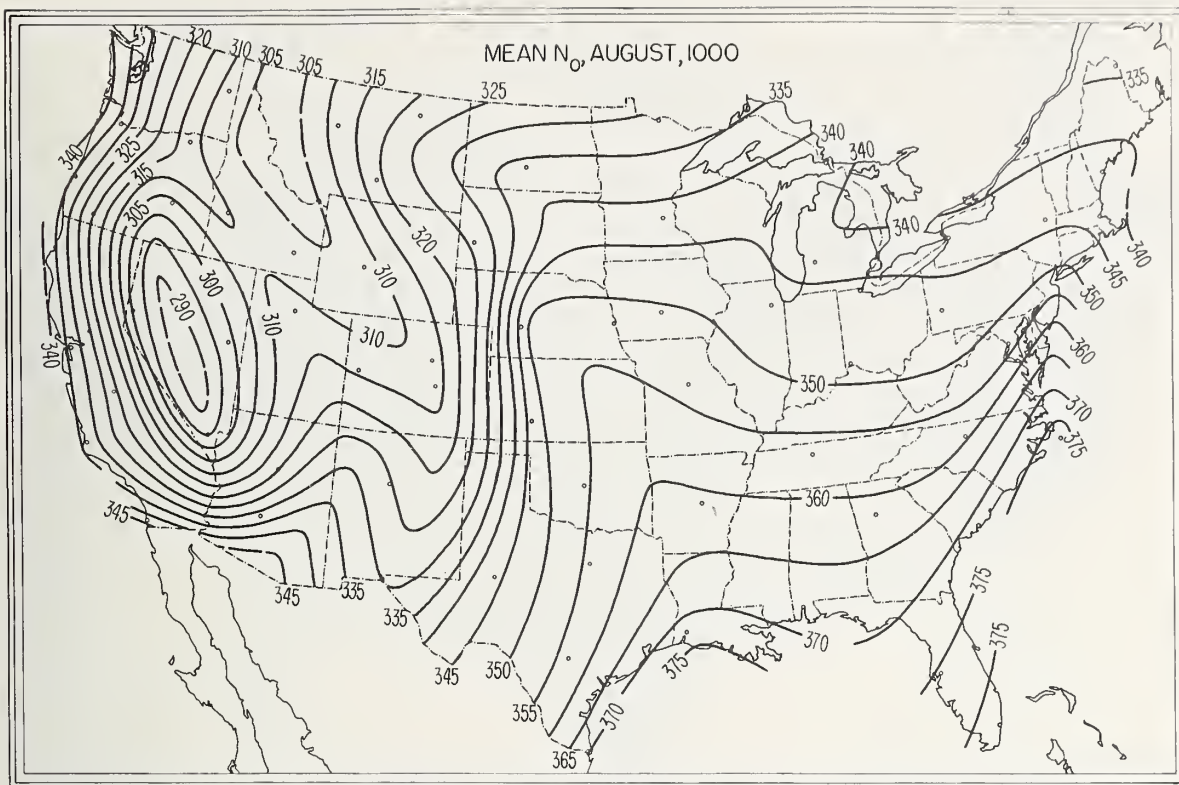


FIGURE 39.  $\bar{N}_o$ , August, 1000 local time.

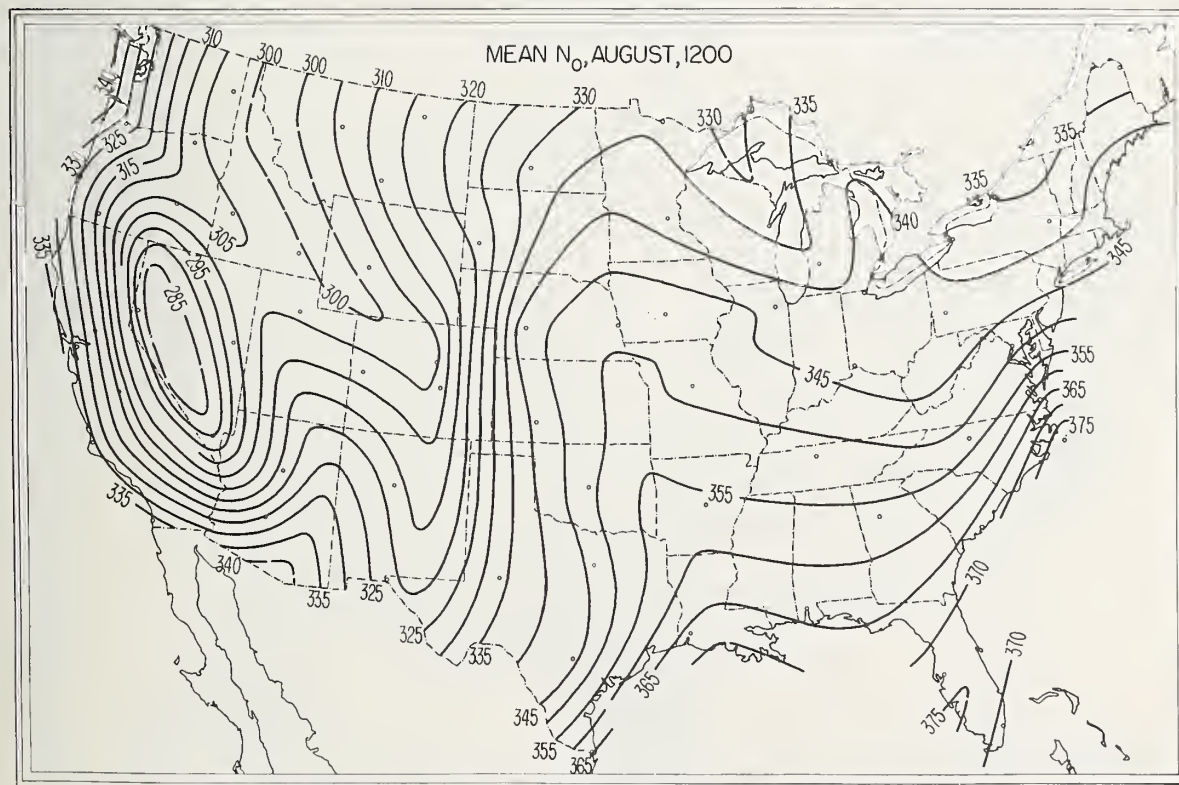


FIGURE 40.  $\bar{N}_o$ , August, 1200 local time.



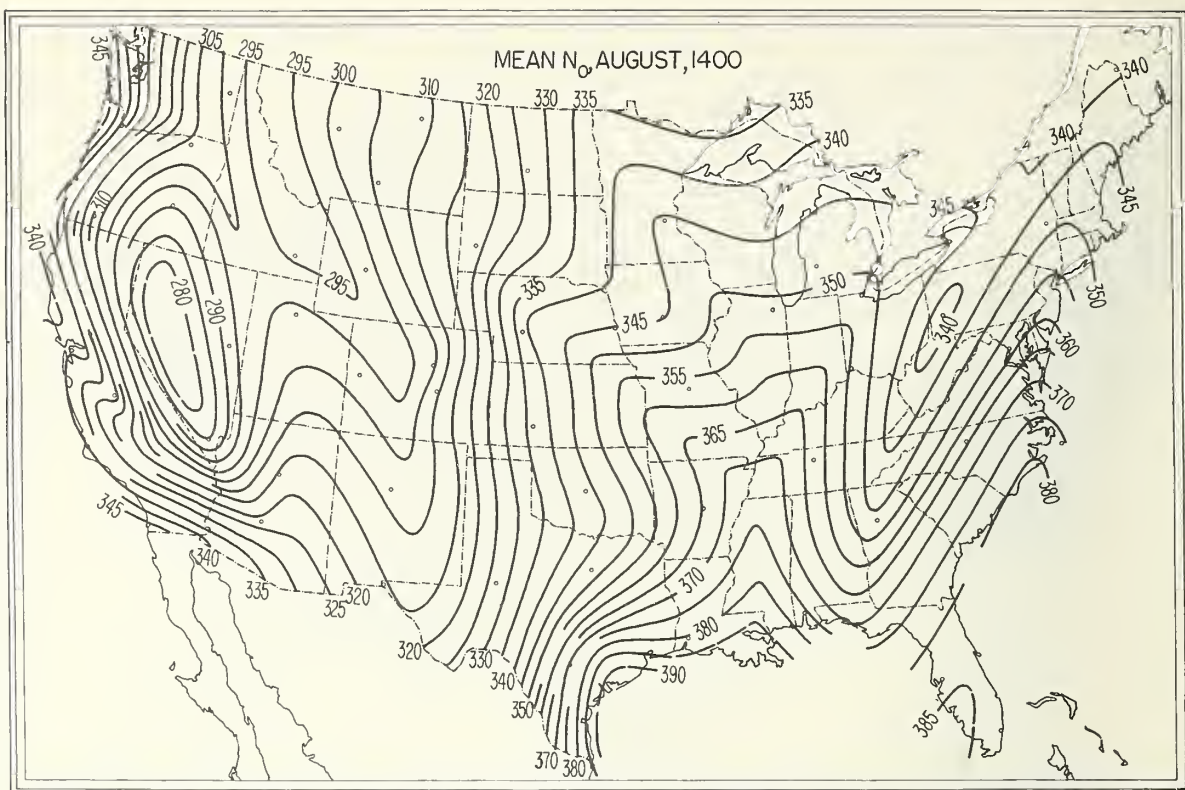


FIGURE 41.  $\bar{N}_o$ , August, 1400 local time.

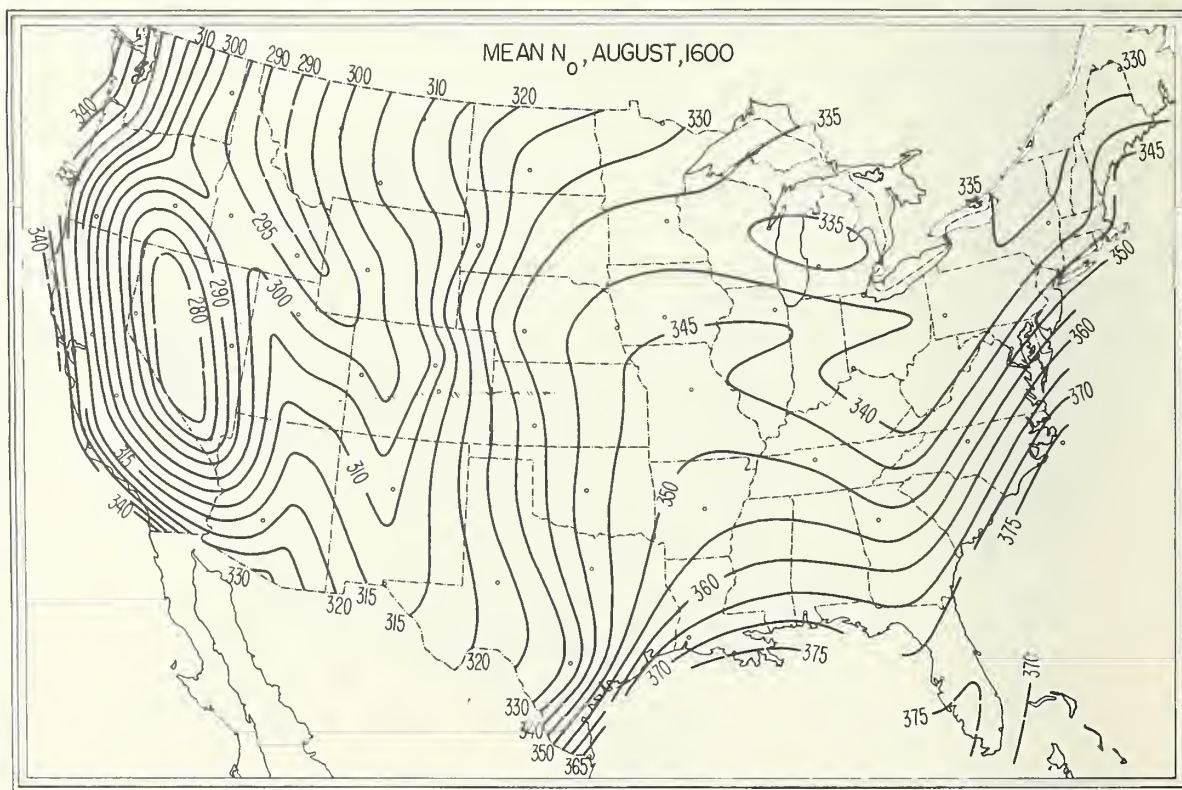


FIGURE 42.  $\bar{N}_o$ , August, 1600 local time.

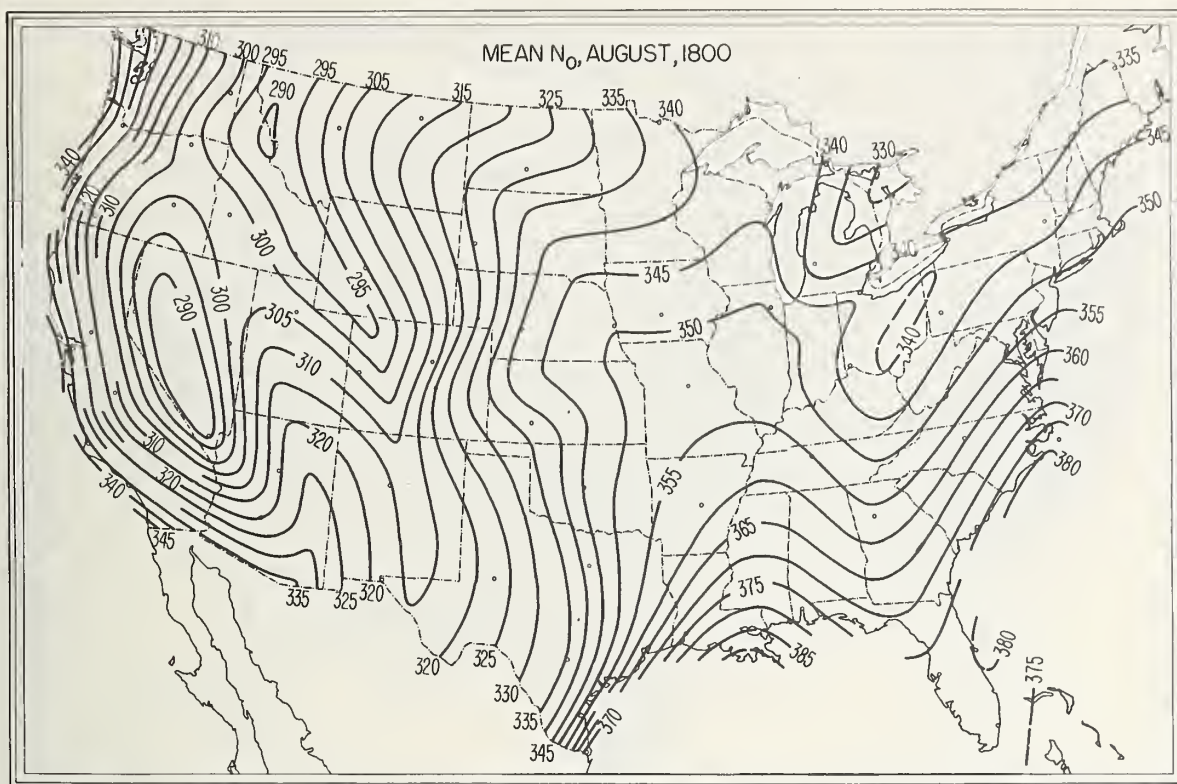


FIGURE 43.  $\bar{N}_o$ , August, 1800 local time.

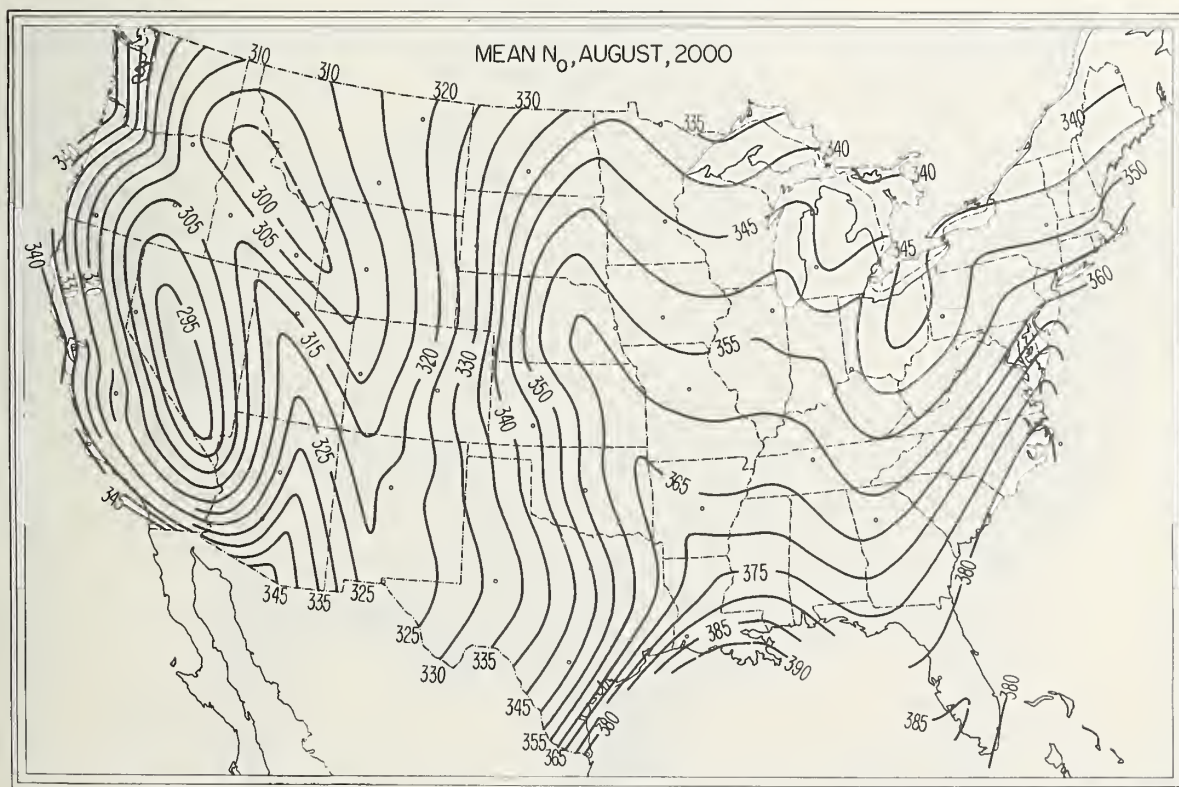


FIGURE 44.  $\bar{N}_o$ , August, 2000 local time.



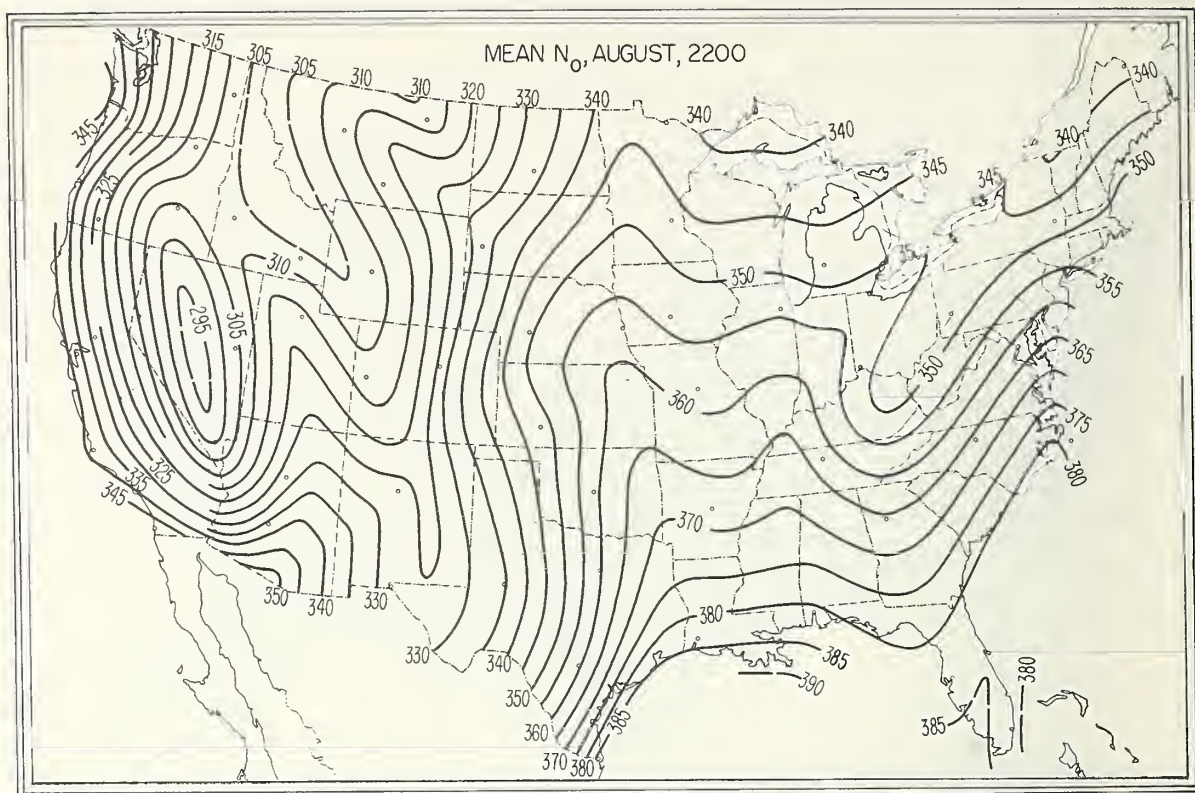


FIGURE 45.  $\bar{N}_o$ , August, 2200 local time.

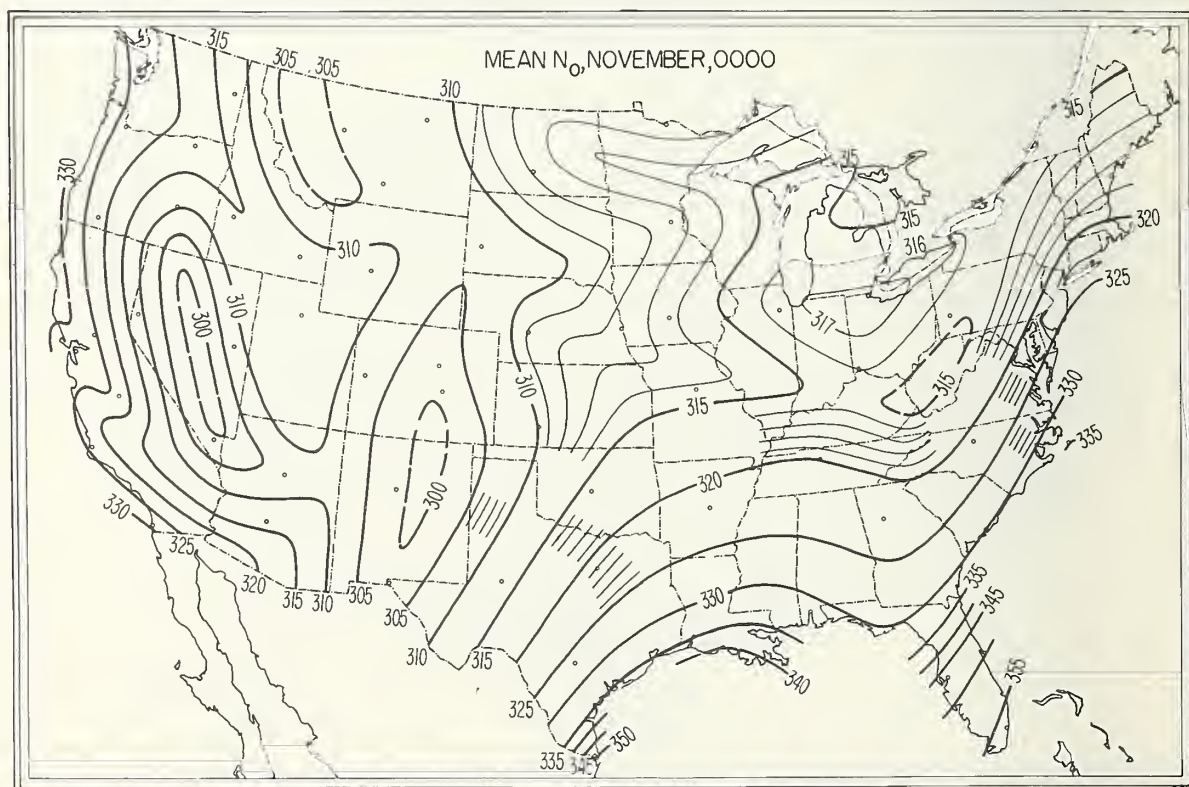


FIGURE 46.  $\bar{N}_o$ , November, 0000 local time.



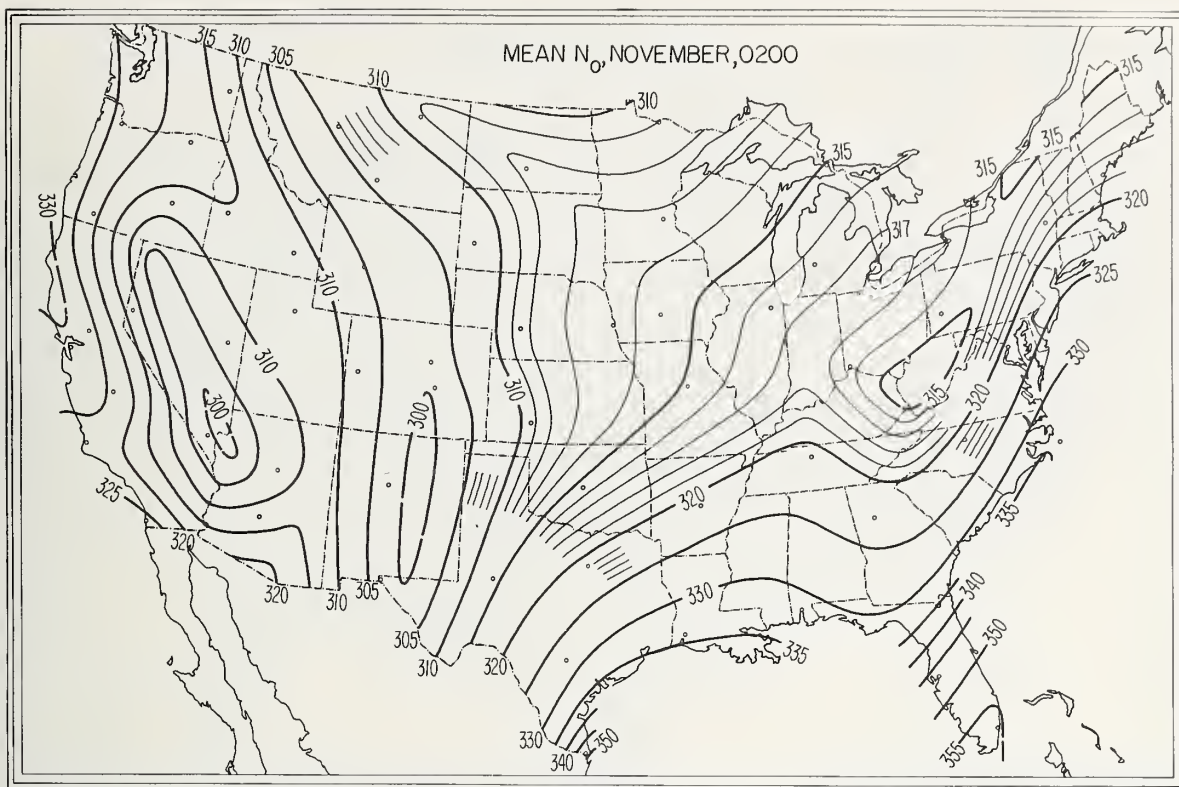


FIGURE 47.  $\bar{N}_o$ , November, 0200 local time.

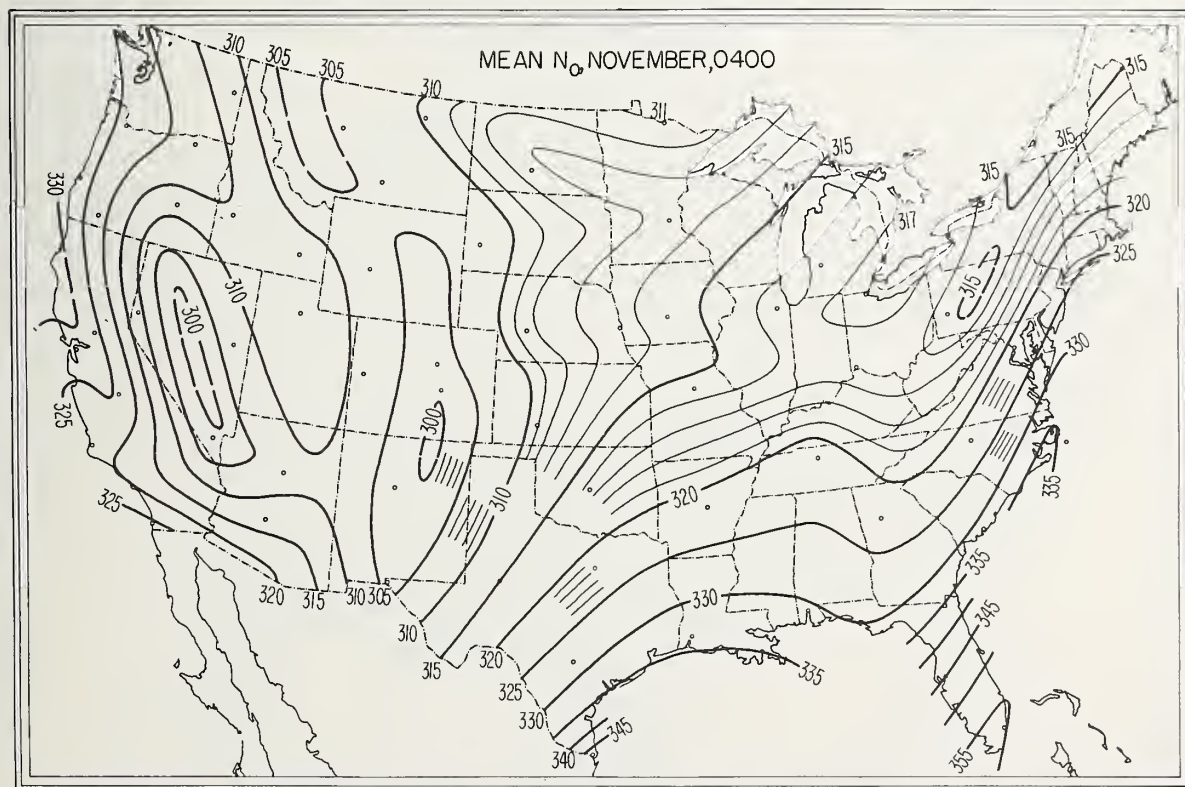


FIGURE 48.  $\bar{N}_o$ , November, 0400 local time.

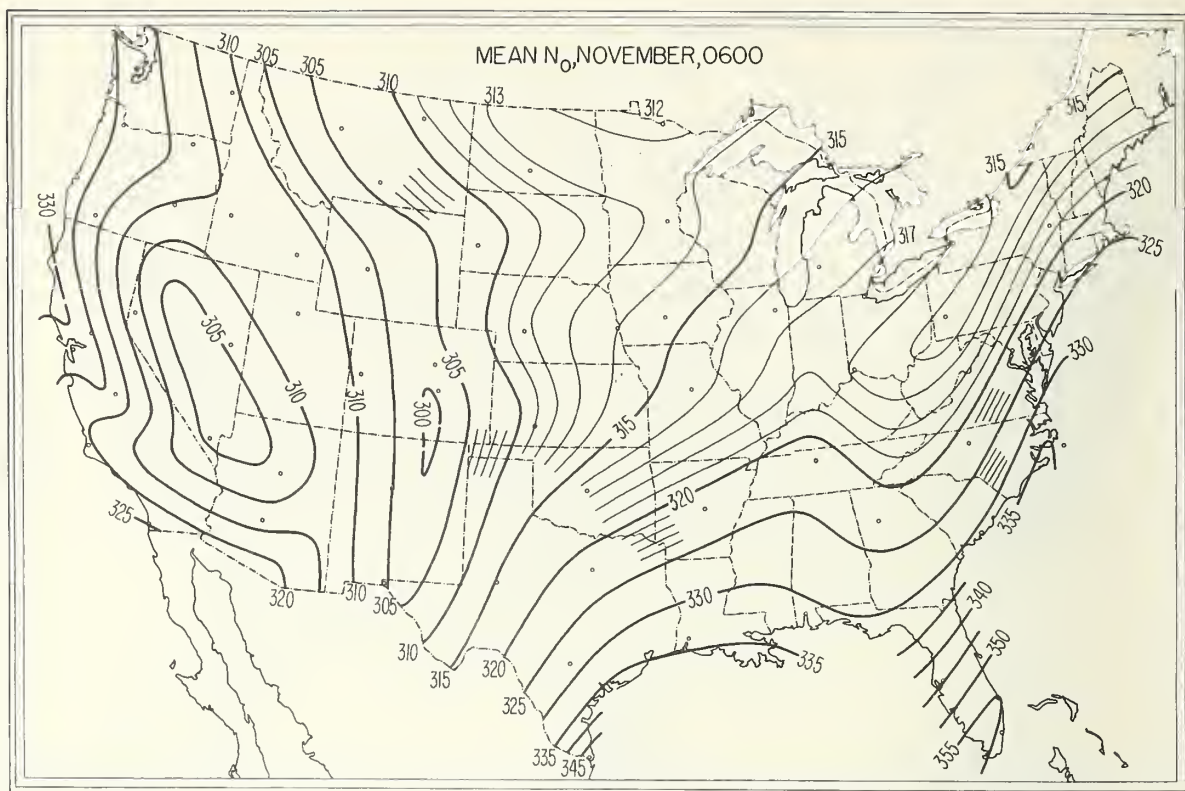


FIGURE 49.  $\bar{N}_o$ , November, 0600 local time.

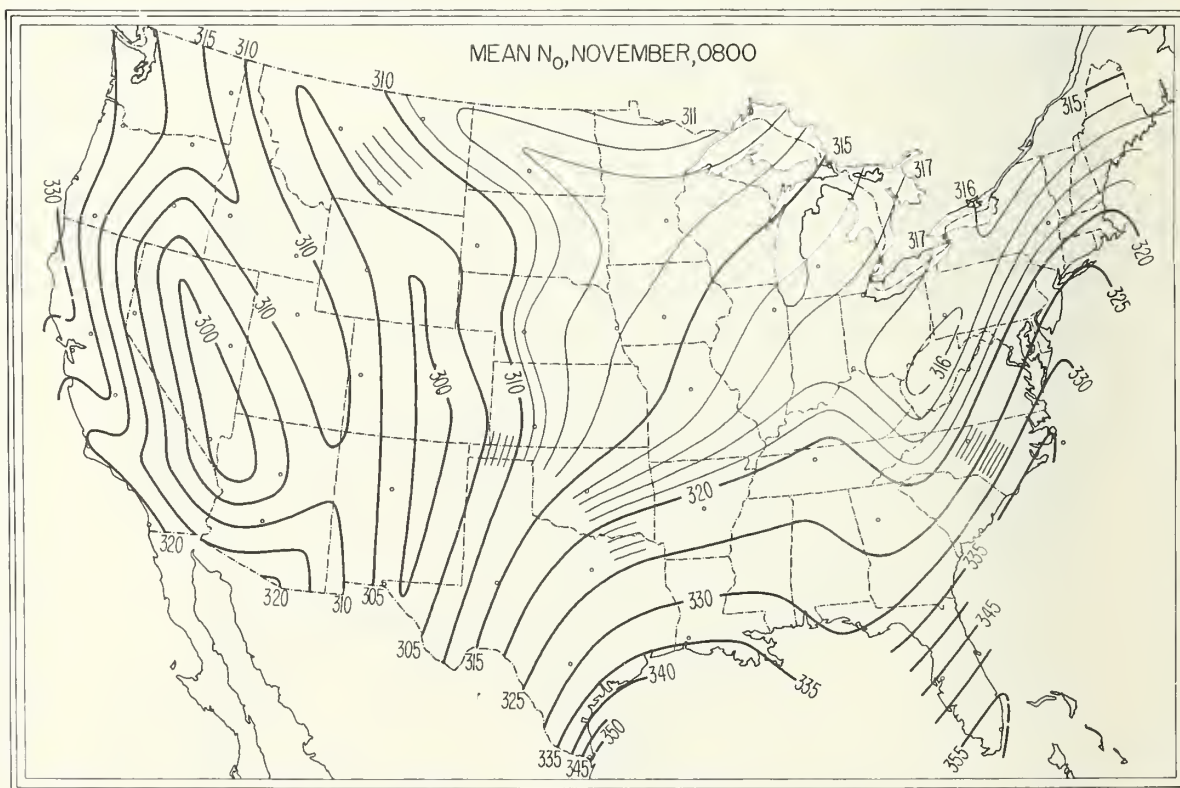


FIGURE 50.  $\bar{N}_o$ , November, 0800 local time.



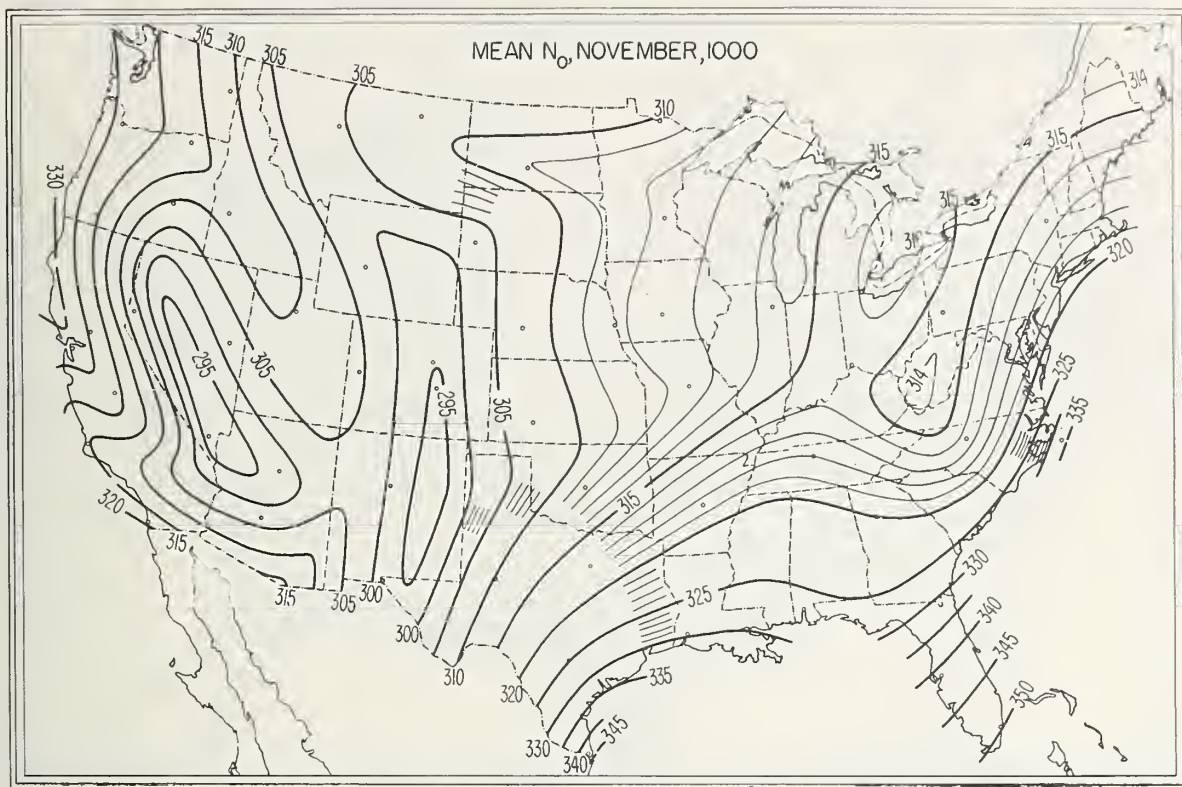


FIGURE 51.  $\bar{N}_o$ , November, 1000 local time.

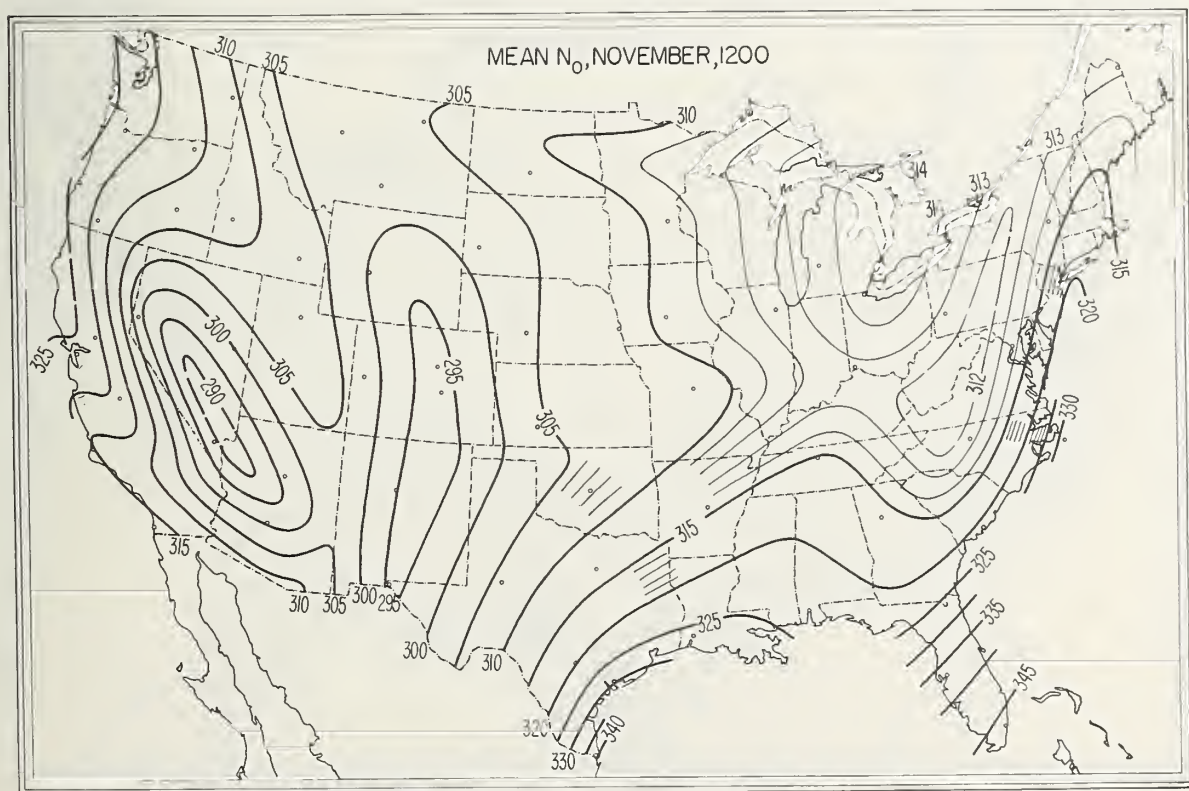


FIGURE 52.  $\bar{N}_o$ , November, 1200 local time.



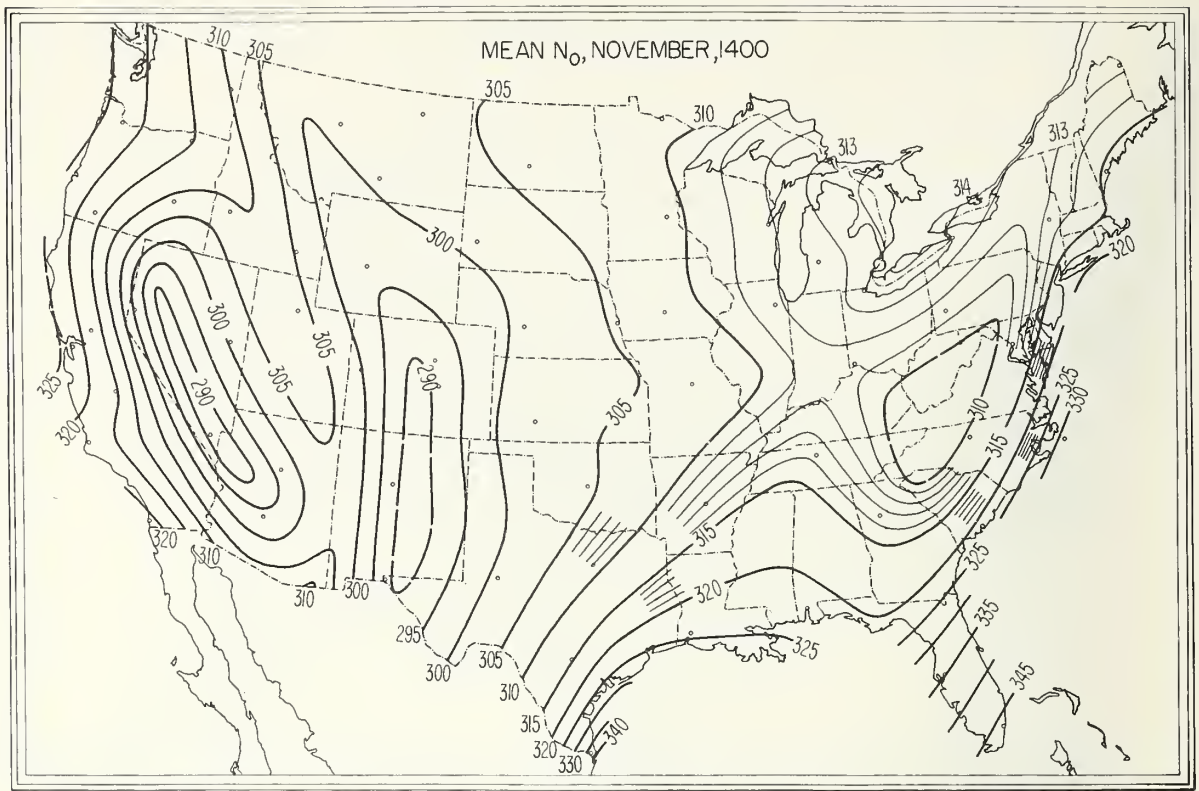


FIGURE 53.  $\bar{N}_o$ , November, 1400 local time.

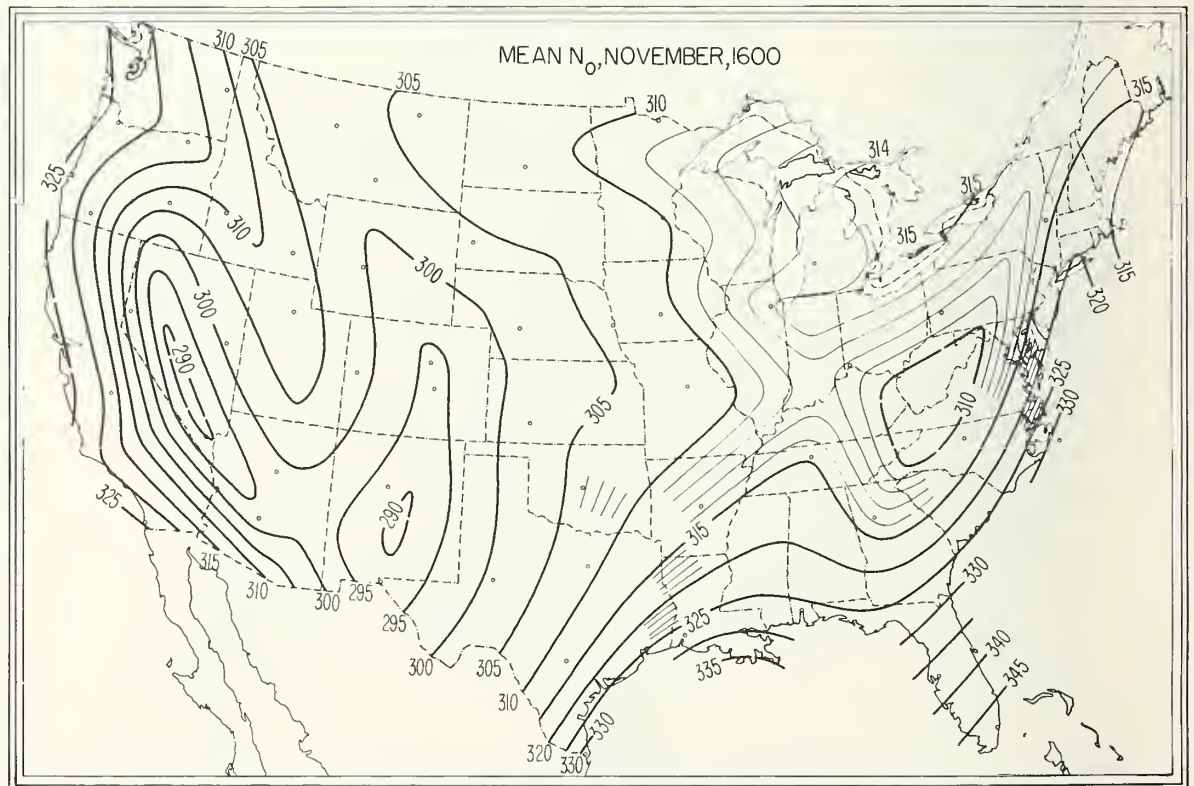


FIGURE 54.  $\bar{N}_o$ , November, 1600 local time.

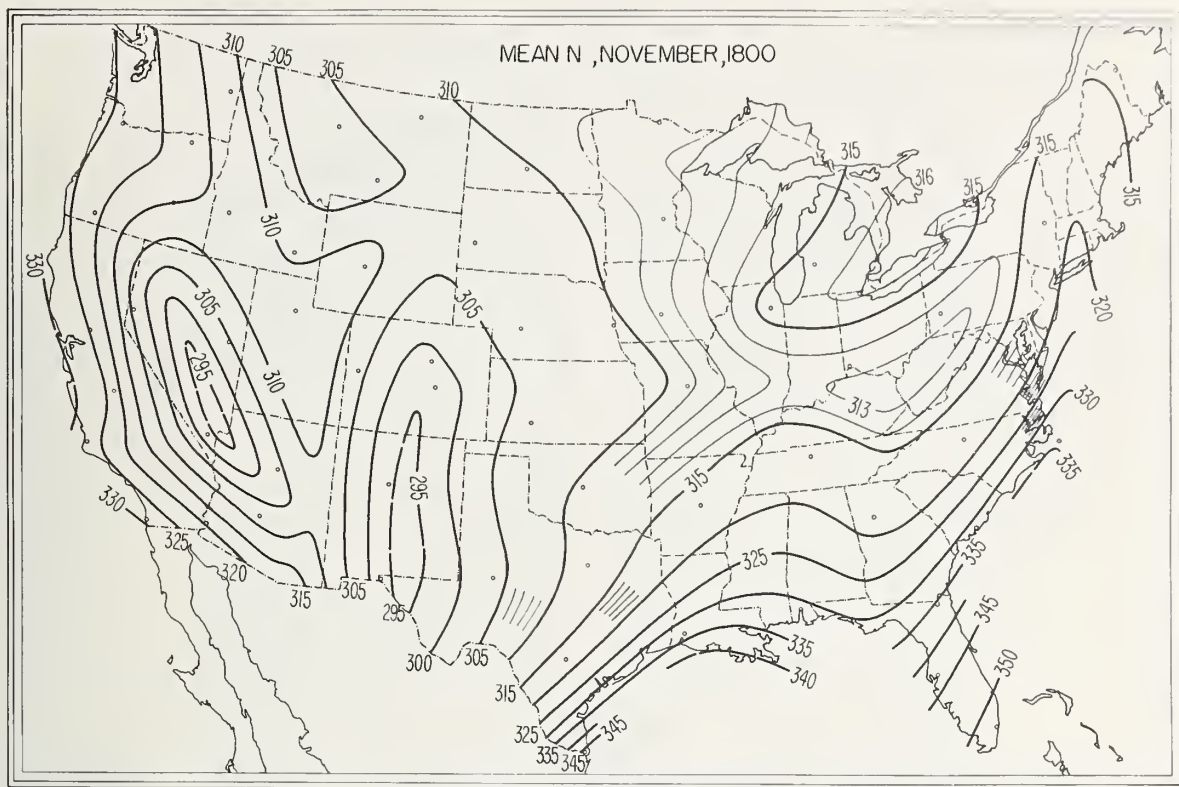


FIGURE 55.  $\bar{N}_0$ , November, 1800 local time.

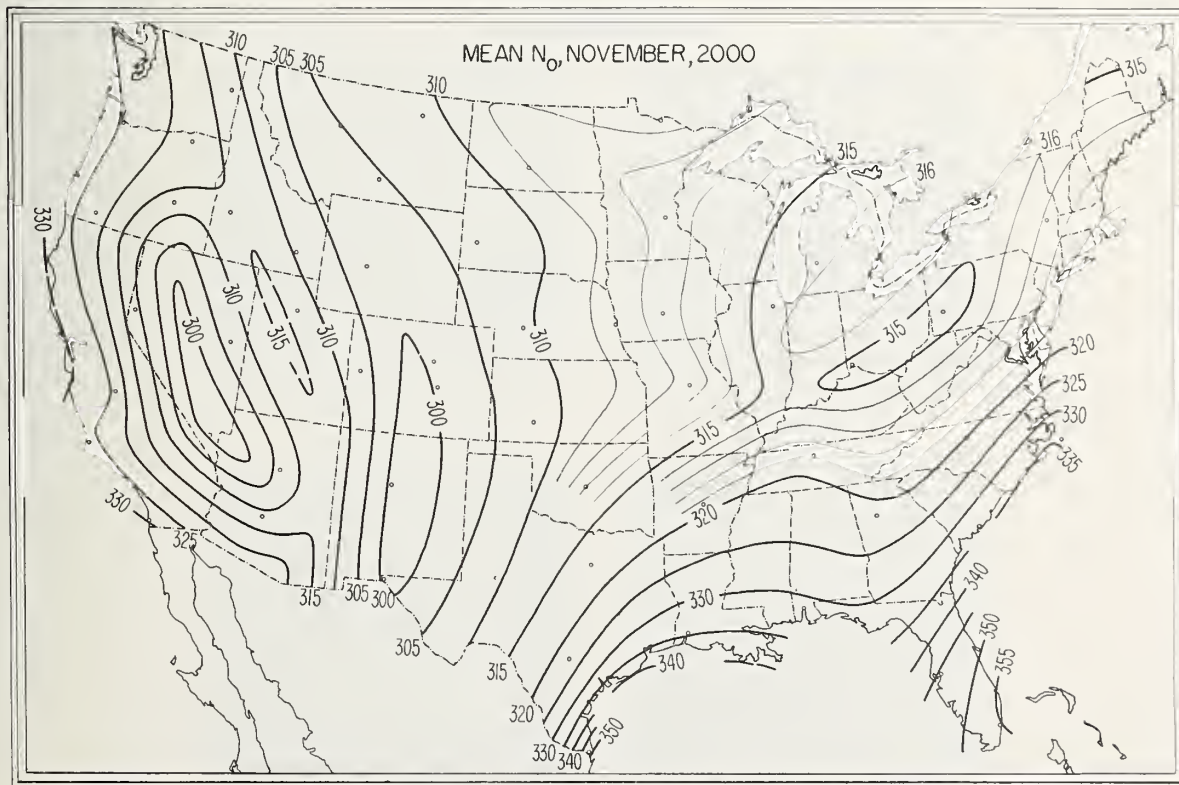


FIGURE 56.  $\bar{N}_0$ , November, 2000 local time.

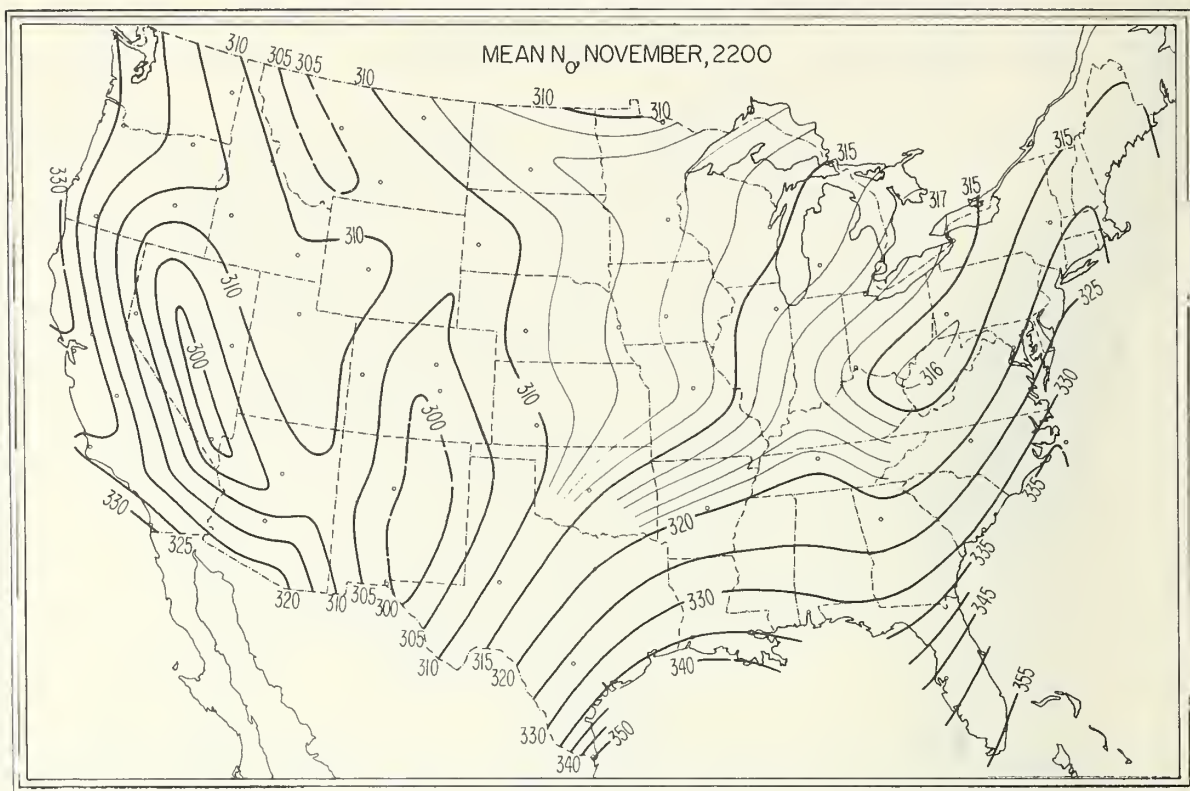


FIGURE 57.  $\bar{N}_o$ , November, 2200 local time.

CARIBOU, MAINE

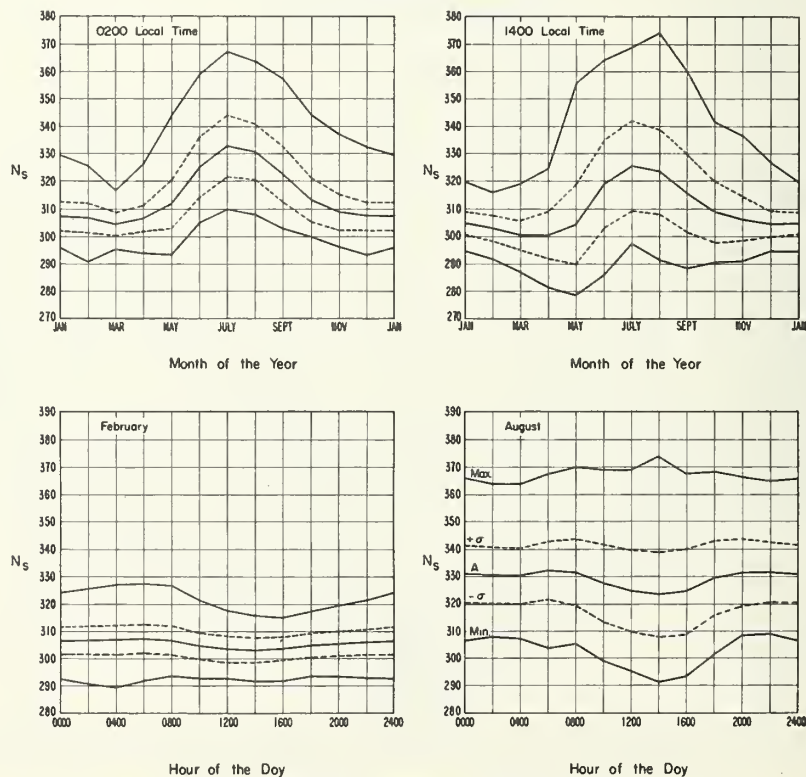


FIGURE 58. Annual and diurnal cycles of  $N_s$ : Caribou, Me.



WASHINGTON D.C.

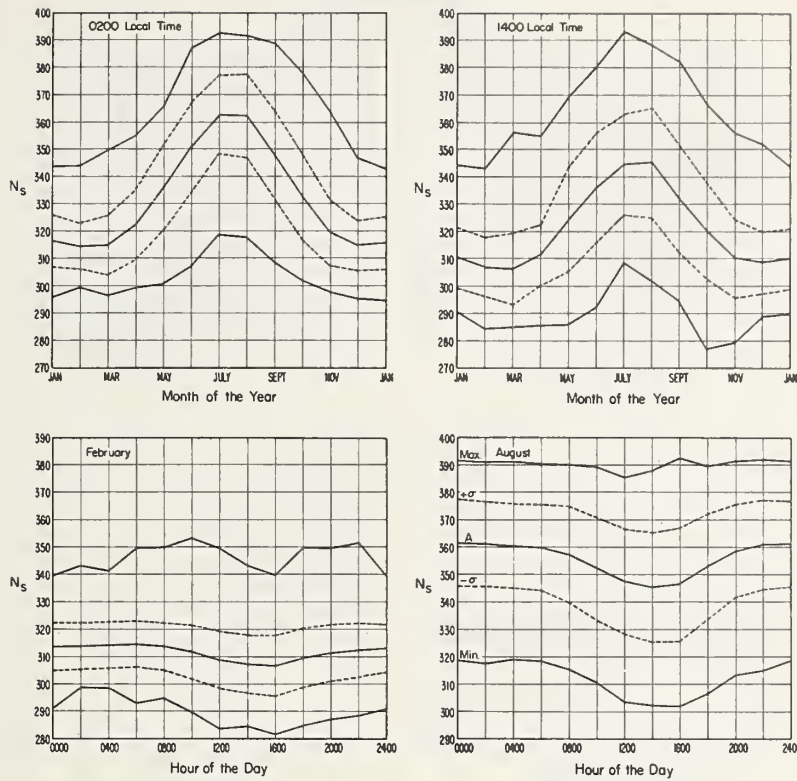


FIGURE 59. Annual and diurnal cycles of  $N_s$ : Washington, D.C.

MIAMI, FLORIDA

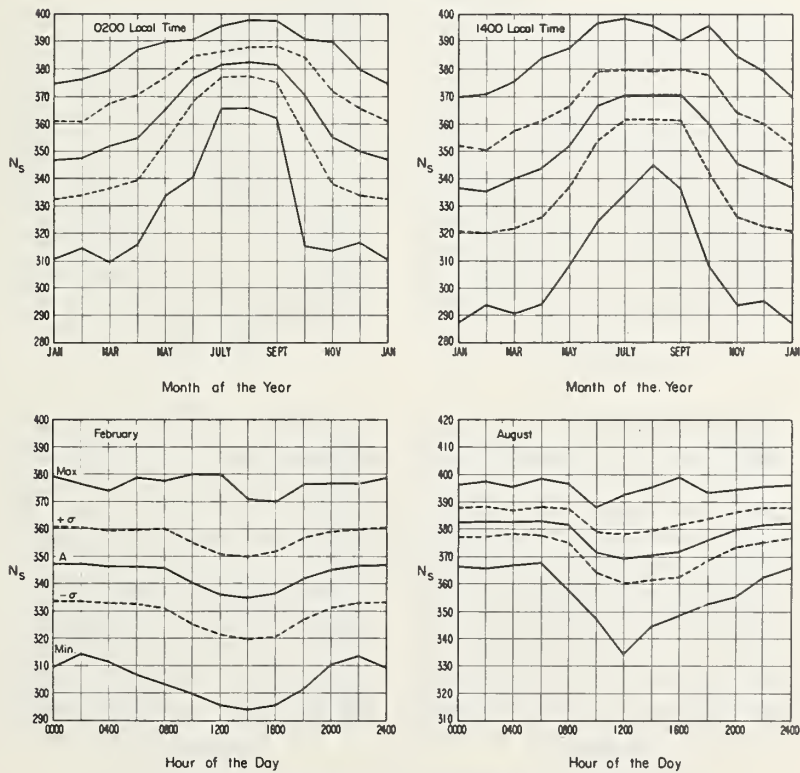


FIGURE 60. Annual and diurnal cycles of  $N_s$ : Miami, Fla.

# JOLIET, ILLINOIS

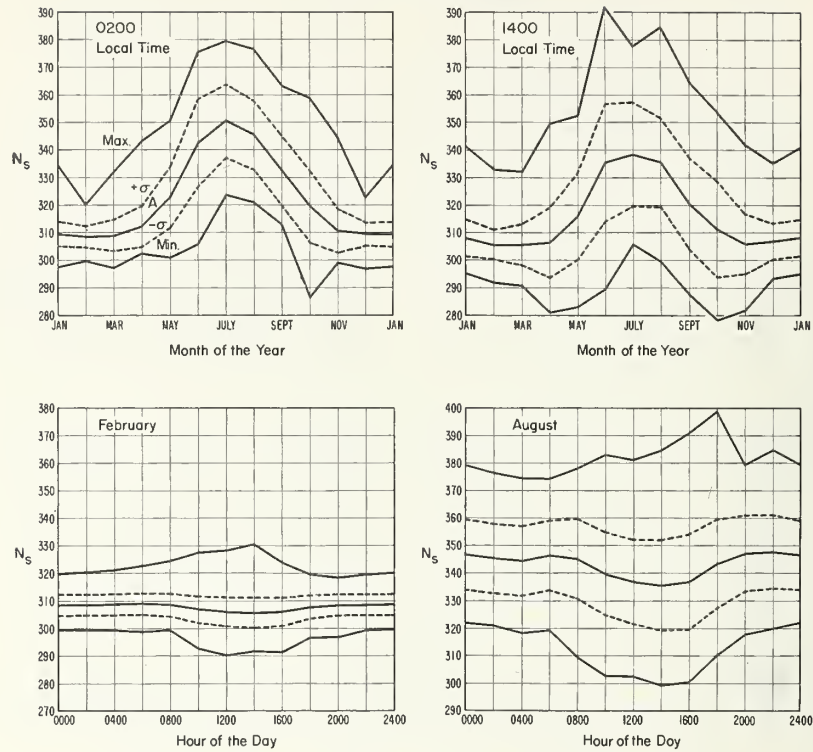


FIGURE 61. Annual and diurnal cycles of  $N_s$ : Joliet, Ill.

# NASHVILLE, TENNESSEE

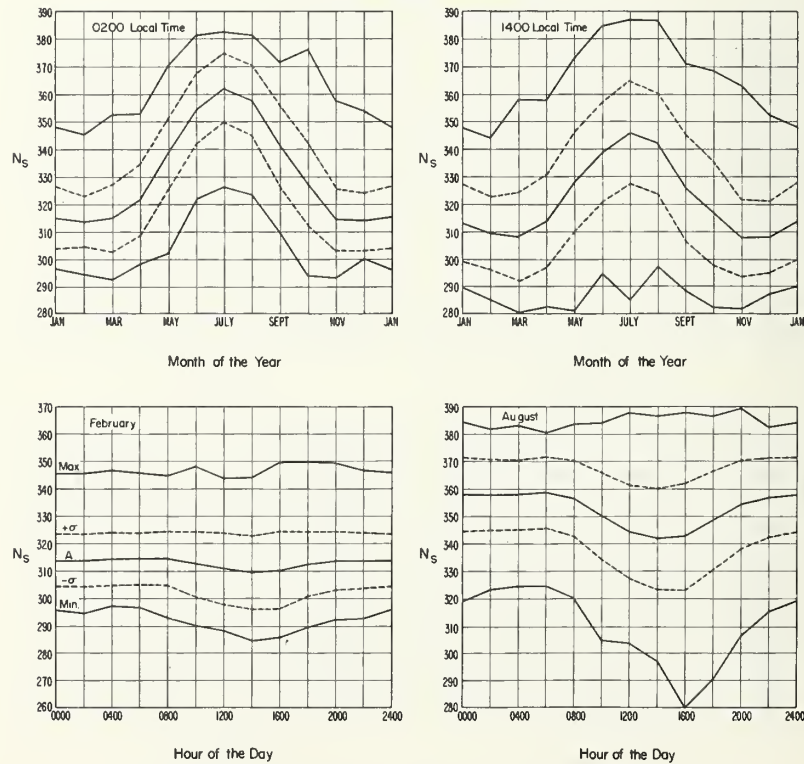


FIGURE 62. Annual and diurnal cycles of  $N_s$ : Nashville, Tenn.

# SAN ANTONIO, TEXAS

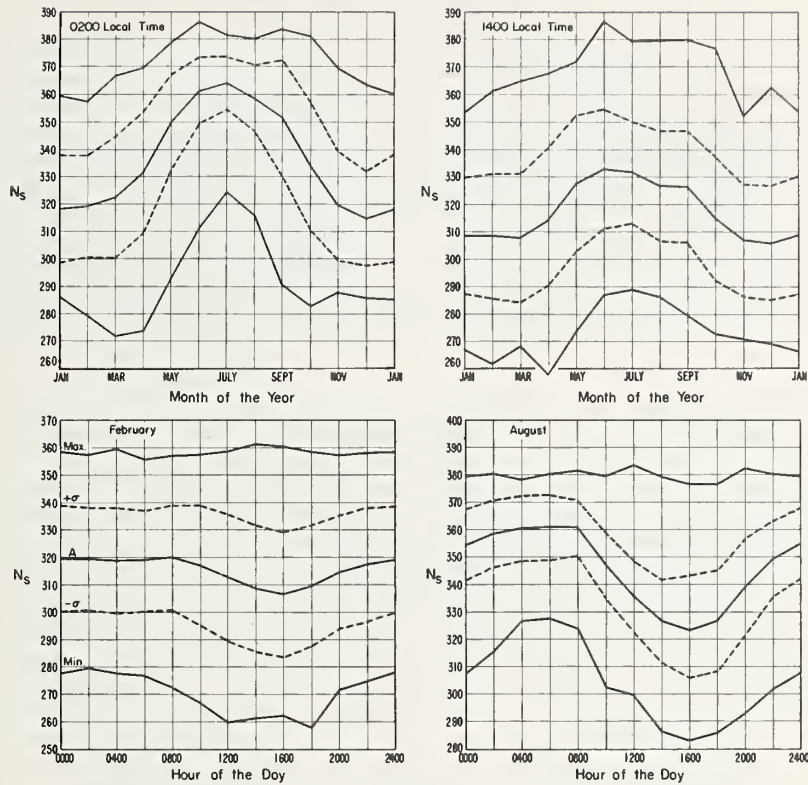


FIGURE 63. Annual and diurnal cycles of  $N_s$ : San Antonio, Texas.

# BISMARCK, NORTH DAKOTA

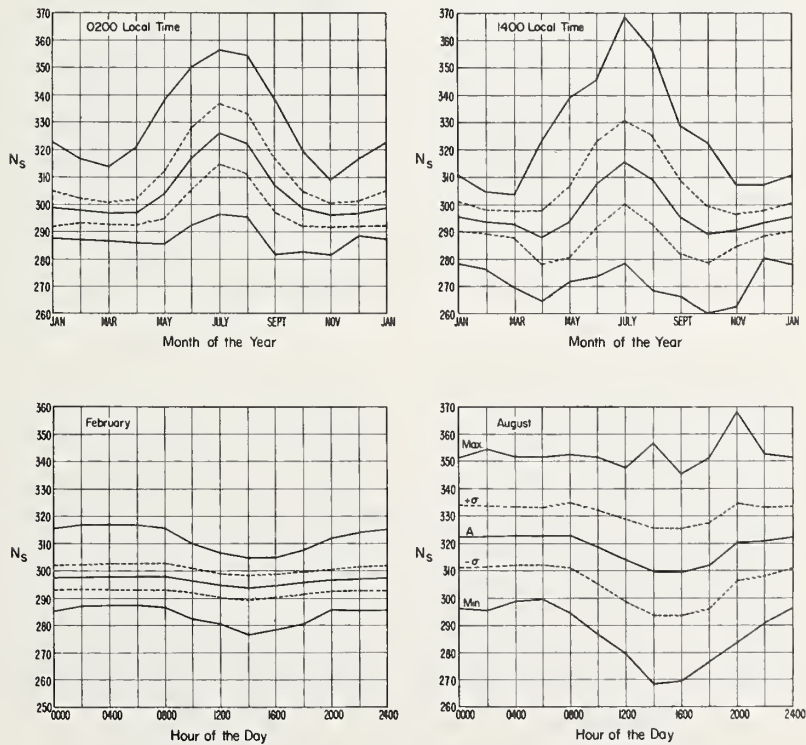


FIGURE 64. Annual and diurnal cycles of  $N_s$ : Bismarck, N.D.



# COLORADO SPRINGS, COLORADO

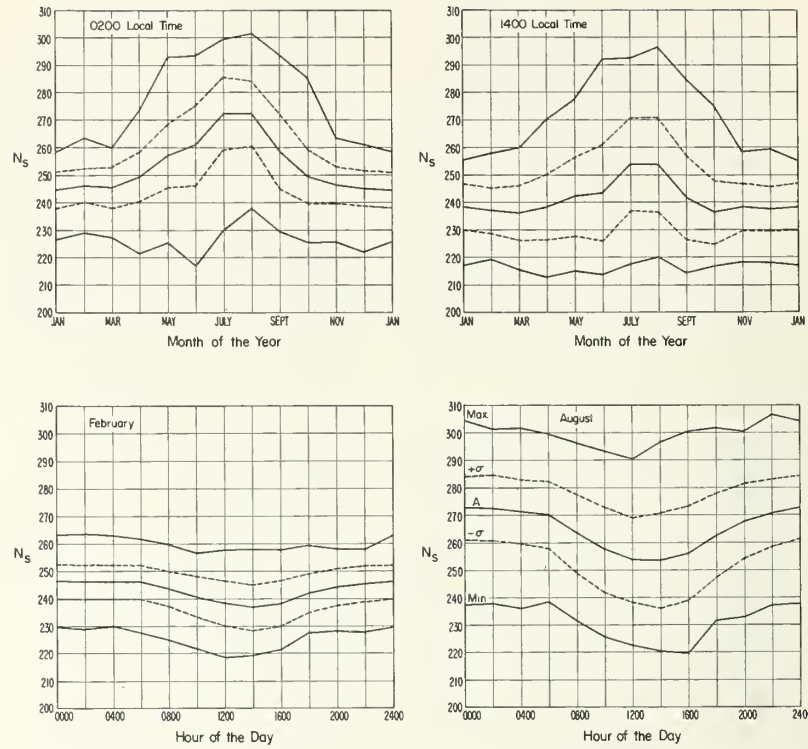


FIGURE 65. Annual and diurnal cycles of  $N_s$ : Colorado Springs, Colo.

# SALT LAKE CITY, UTAH

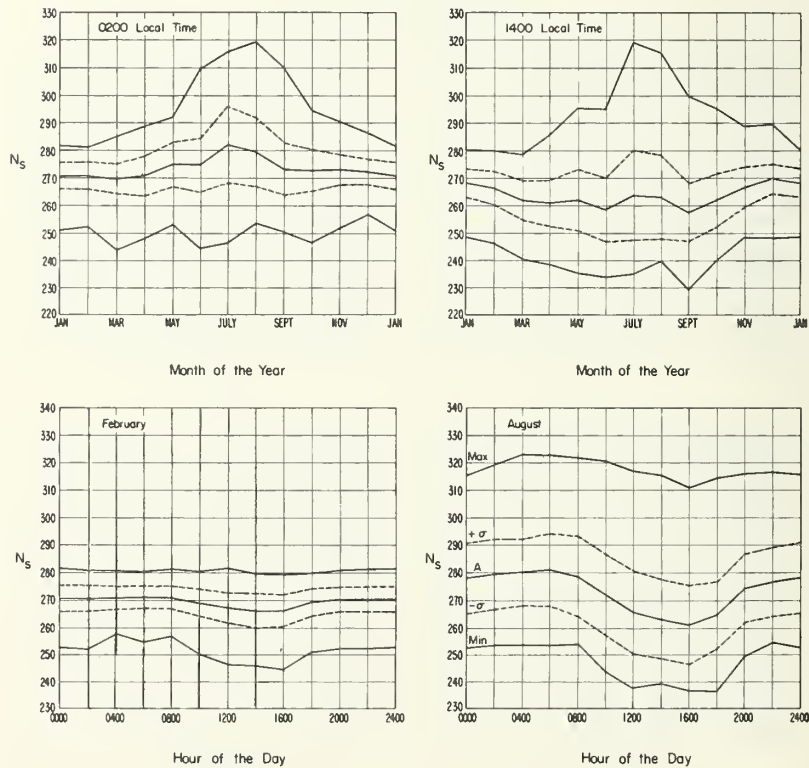


FIGURE 66. Annual and diurnal cycles of  $N_s$ : Salt Lake City, Utah.

# TATOOSH ISLAND, WASHINGTON

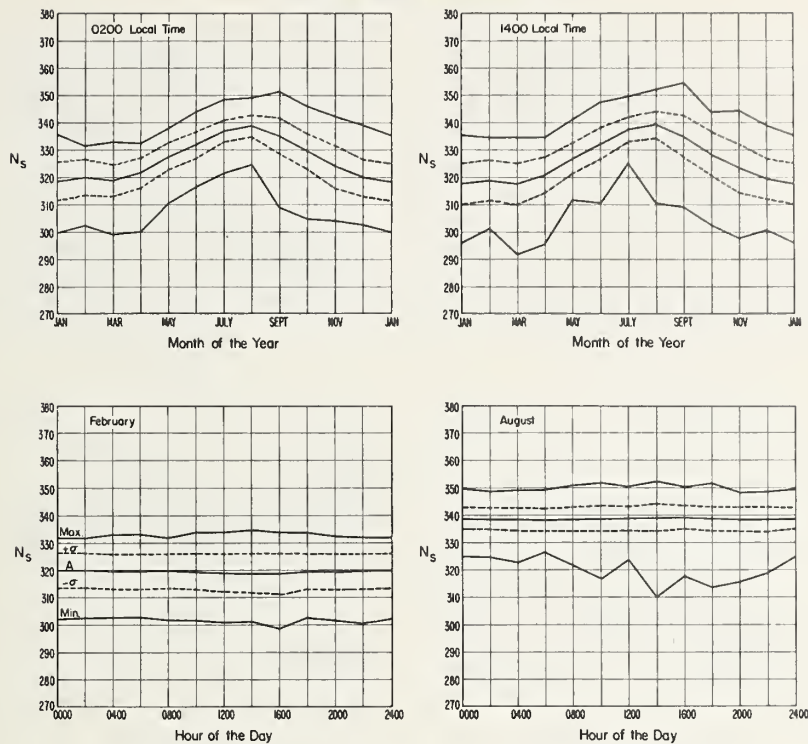


FIGURE 67. Annual and diurnal cycles of  $N_s$ : Tatoosh Island, Wash.

# OAKLAND, CALIFORNIA

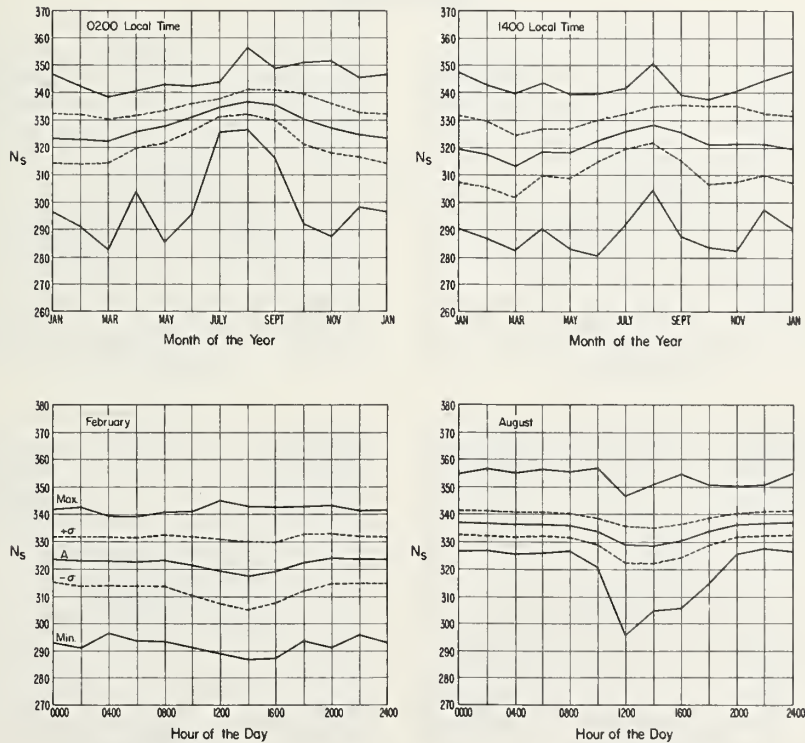


FIGURE 68. Annual and diurnal cycles of  $N_s$ : Oakland, Calif.

# SANTA MARIA, CALIFORNIA

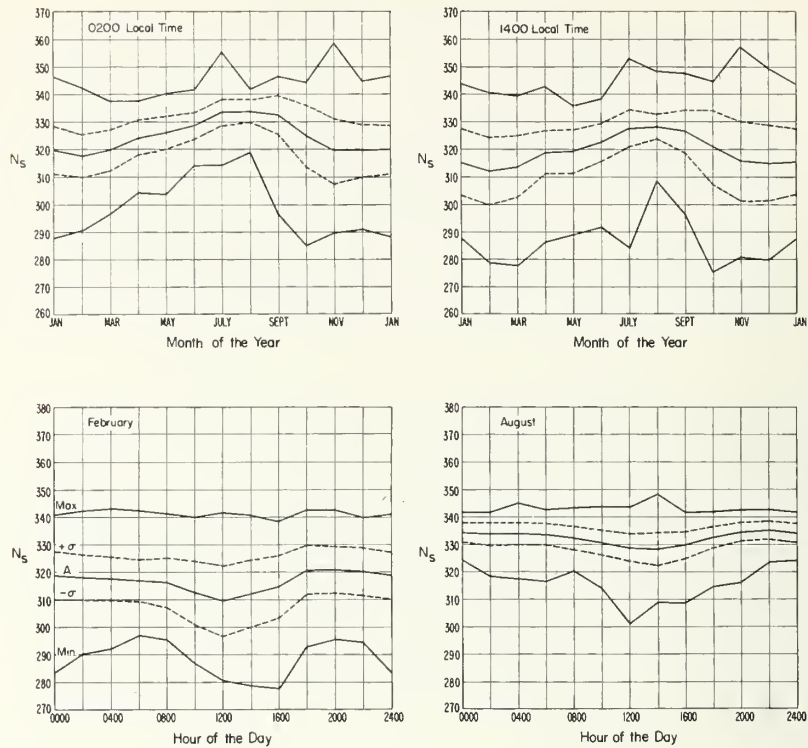


FIGURE 69. Annual and diurnal cycles of  $N_s$ : Santa Maria, Calif.

# CARIBOU, MAINE

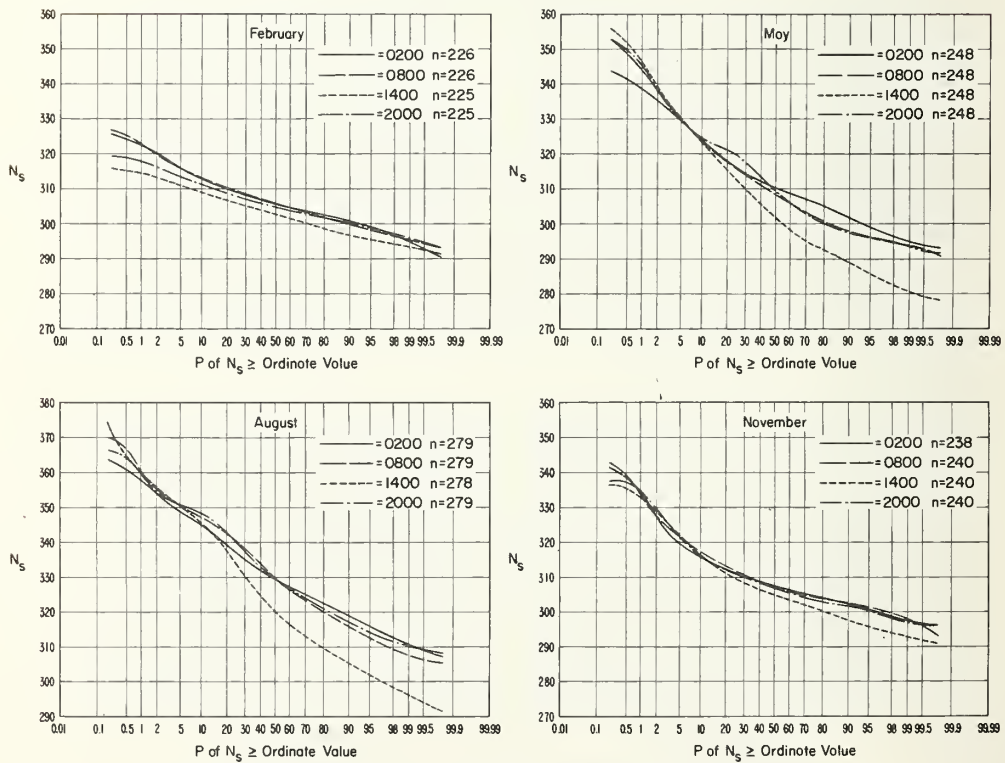


FIGURE 70. Cumulative probability distribution of  $N_s$ : Caribou, Me.



# WASHINGTON, D.C.

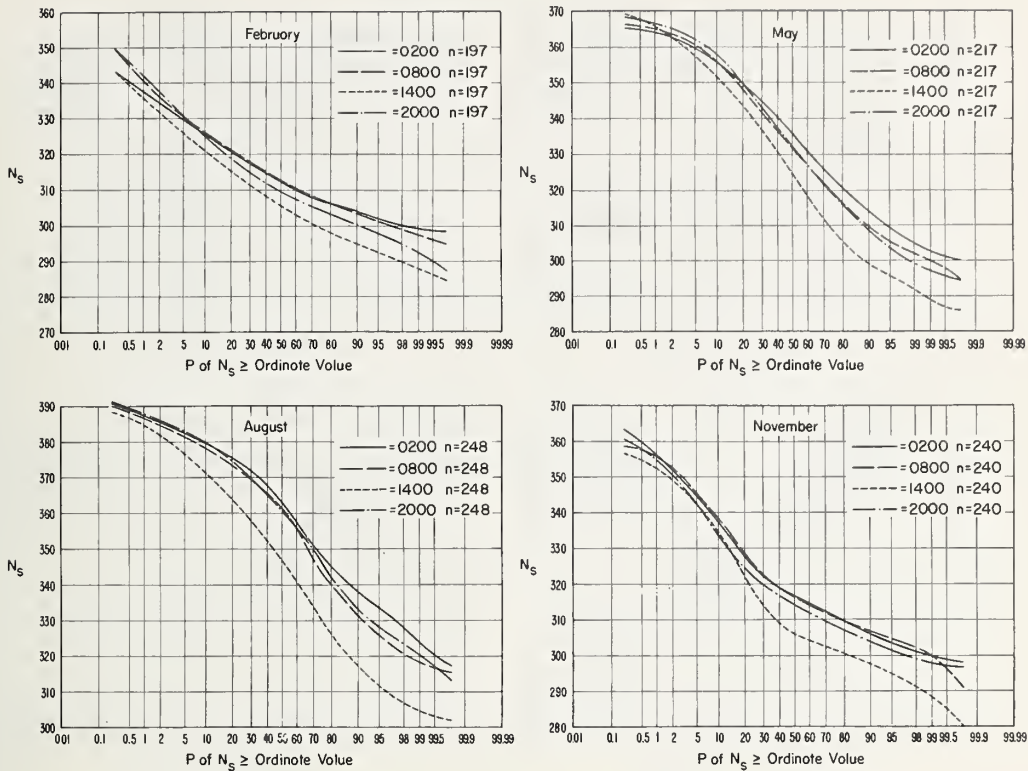


FIGURE 71. Cumulative probability distribution of  $N_s$ : Washington, D.C.

# MIAMI, FLORIDA

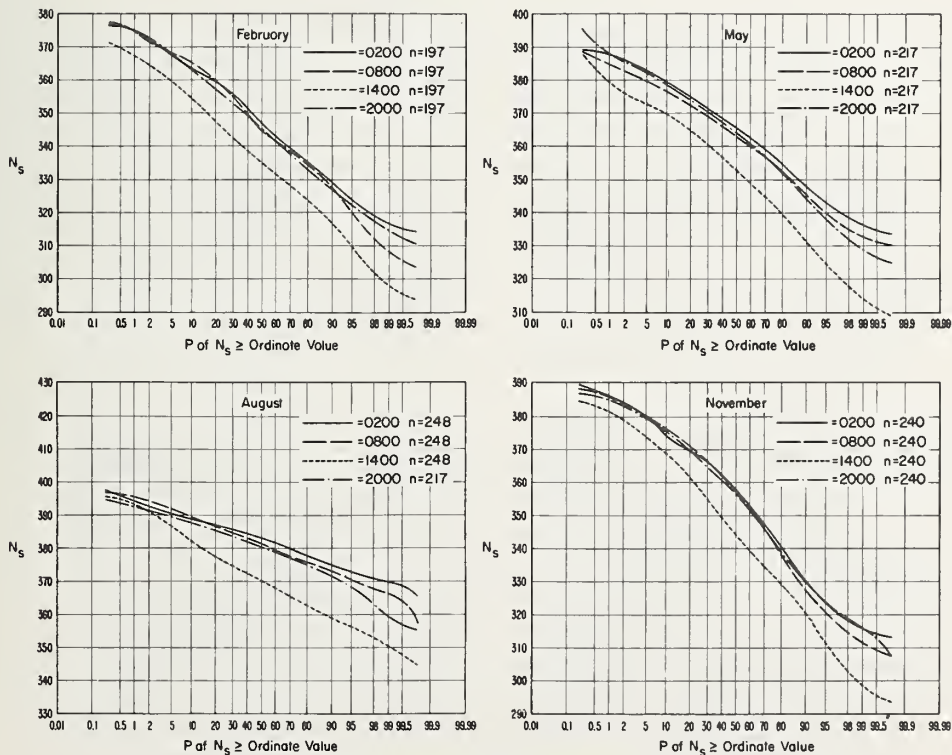


FIGURE 72. Cumulative probability distribution of  $N_s$ : Miami, Fla.

# JOLIET, ILLINOIS

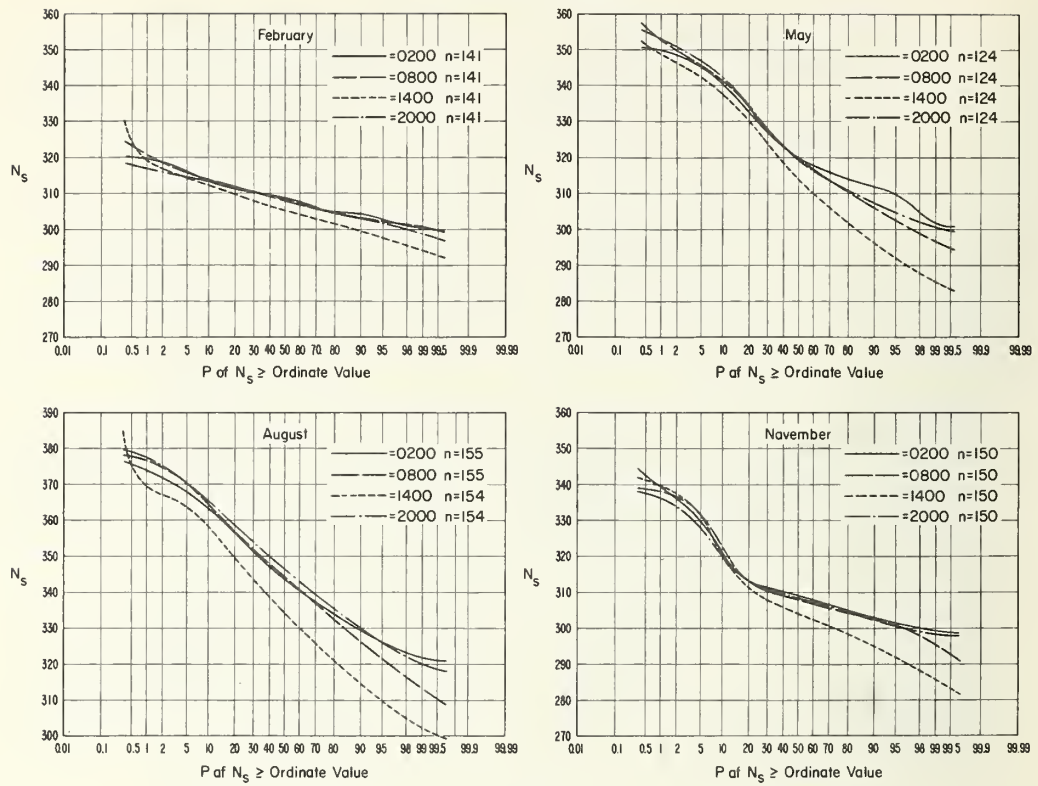


FIGURE 73. Cumulative probability distribution of  $N_s$ : Joliet, Ill.

# NASHVILLE, TENNESSEE

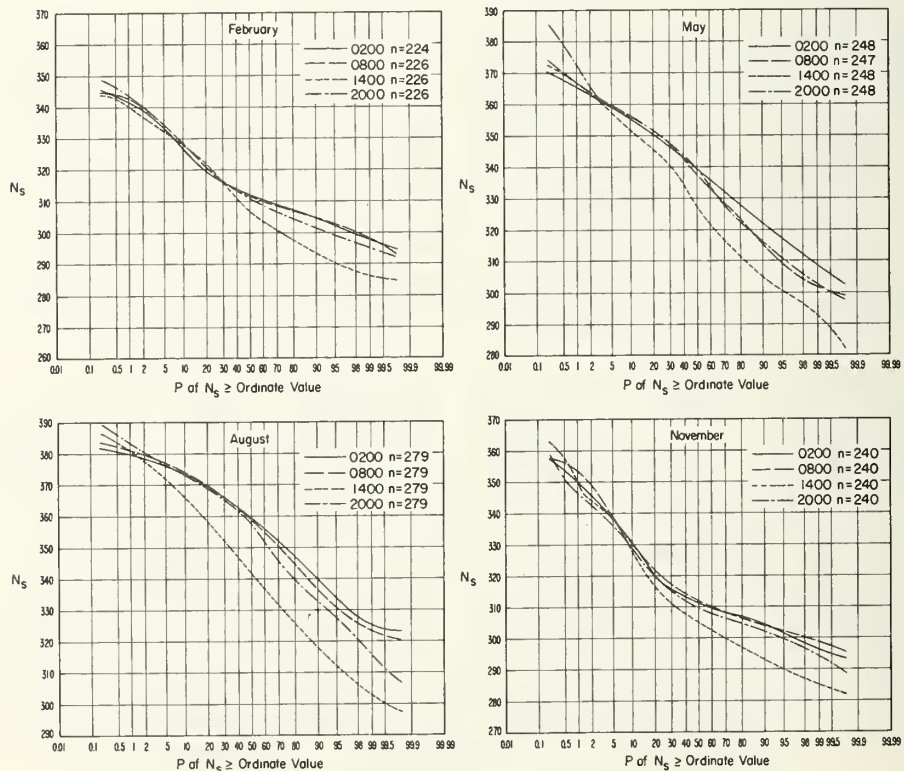


FIGURE 74. Cumulative probability distribution of  $N_s$ : Nashville, Tenn.

# SAN ANTONIO, TEXAS

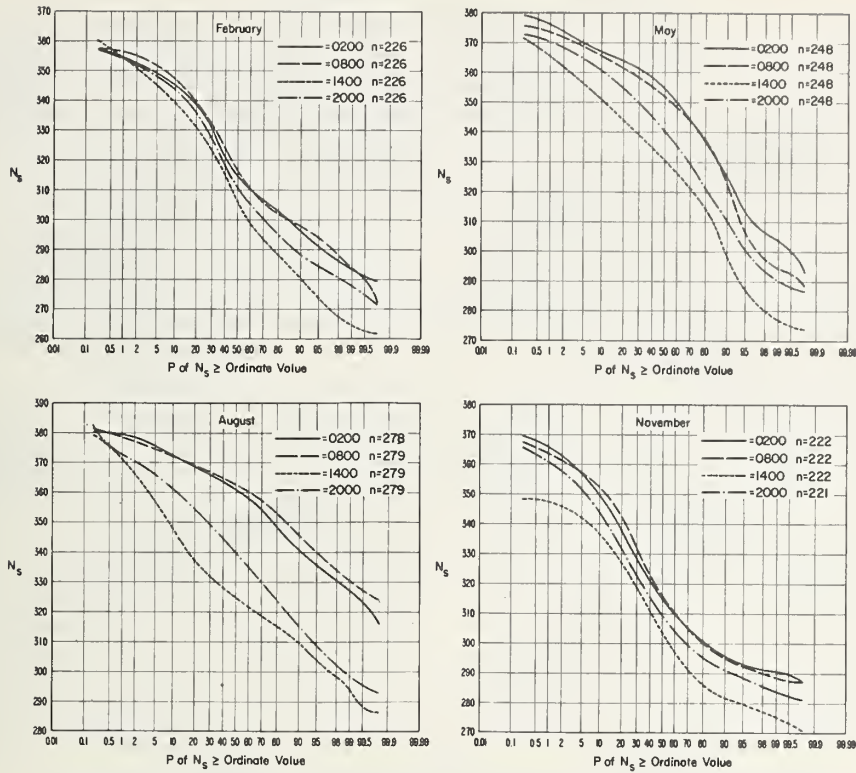


FIGURE 75. Cumulative probability distribution of  $N_s$ : San Antonio, Texas.

# BISMARCK, NORTH DAKOTA

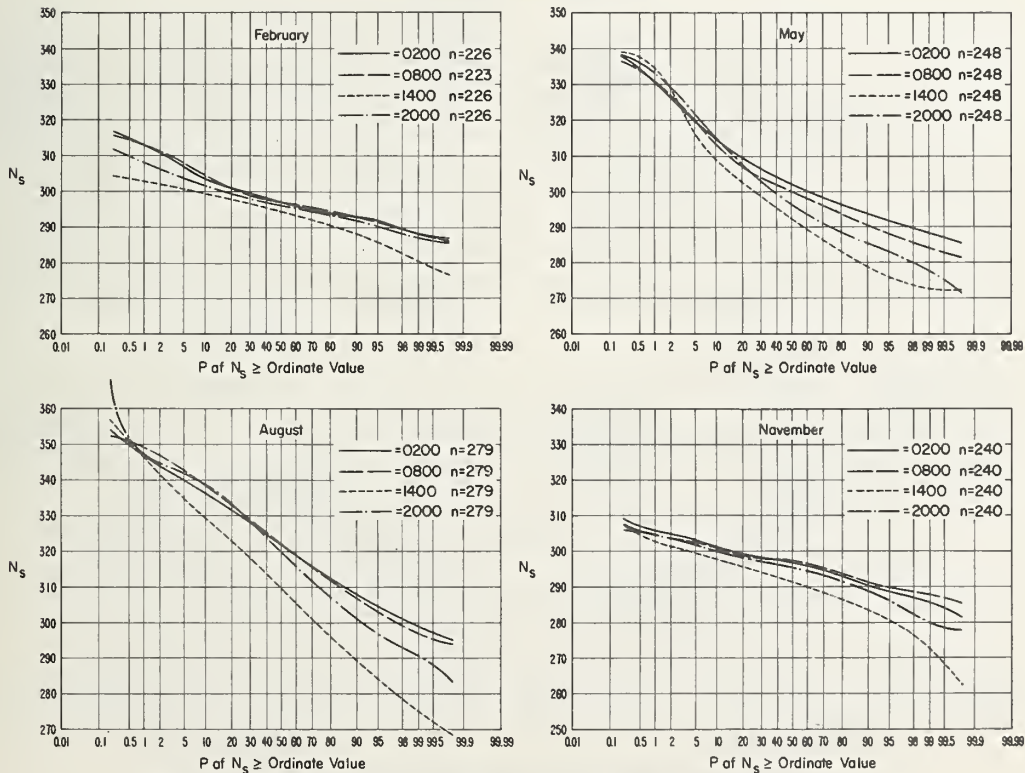


FIGURE 76. Cumulative probability distribution of  $N_s$ : Bismarck, N.D.



# COLORADO SPRINGS, COLORADO

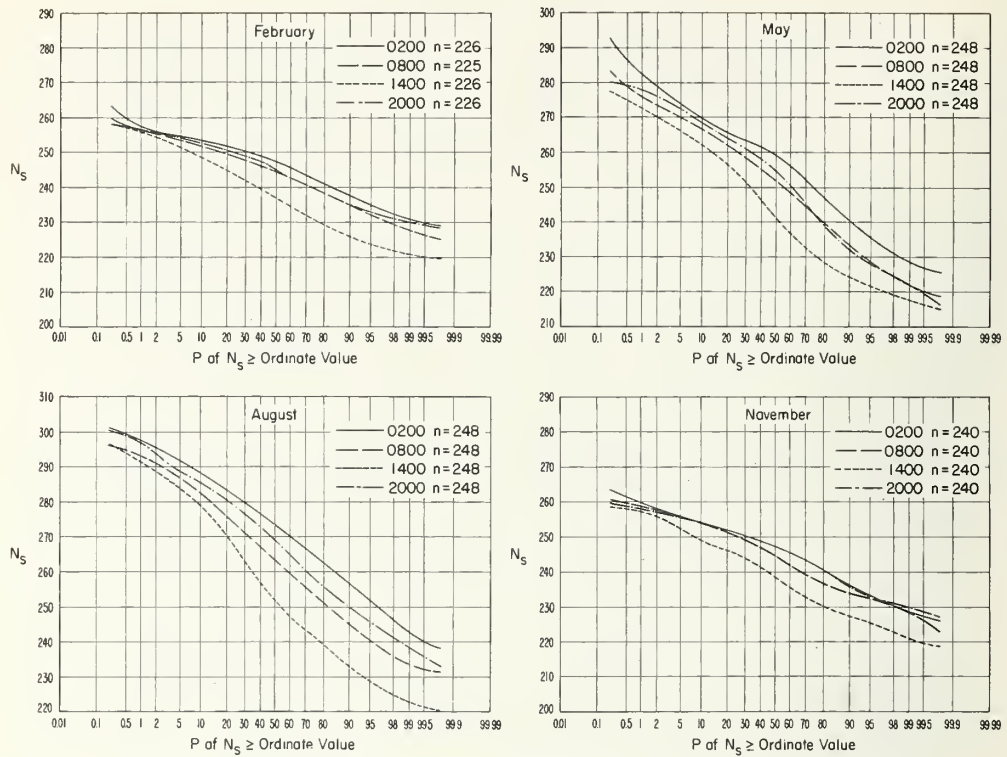


FIGURE 77. Cumulative probability distribution of  $N_s$ : Colorado Springs, Colo.

# SALT LAKE CITY, UTAH

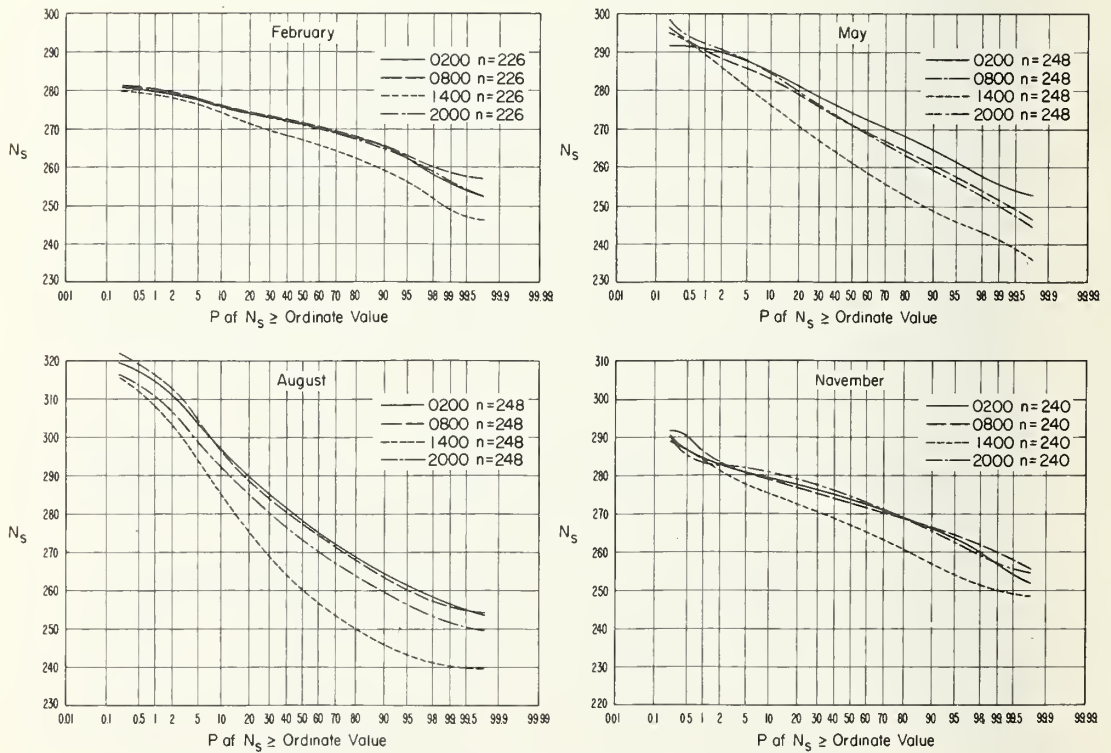


FIGURE 78. Cumulative probability distribution of  $N_s$ : Salt Lake City, Utah.

# TATOOSH ISLAND, WASHINGTON

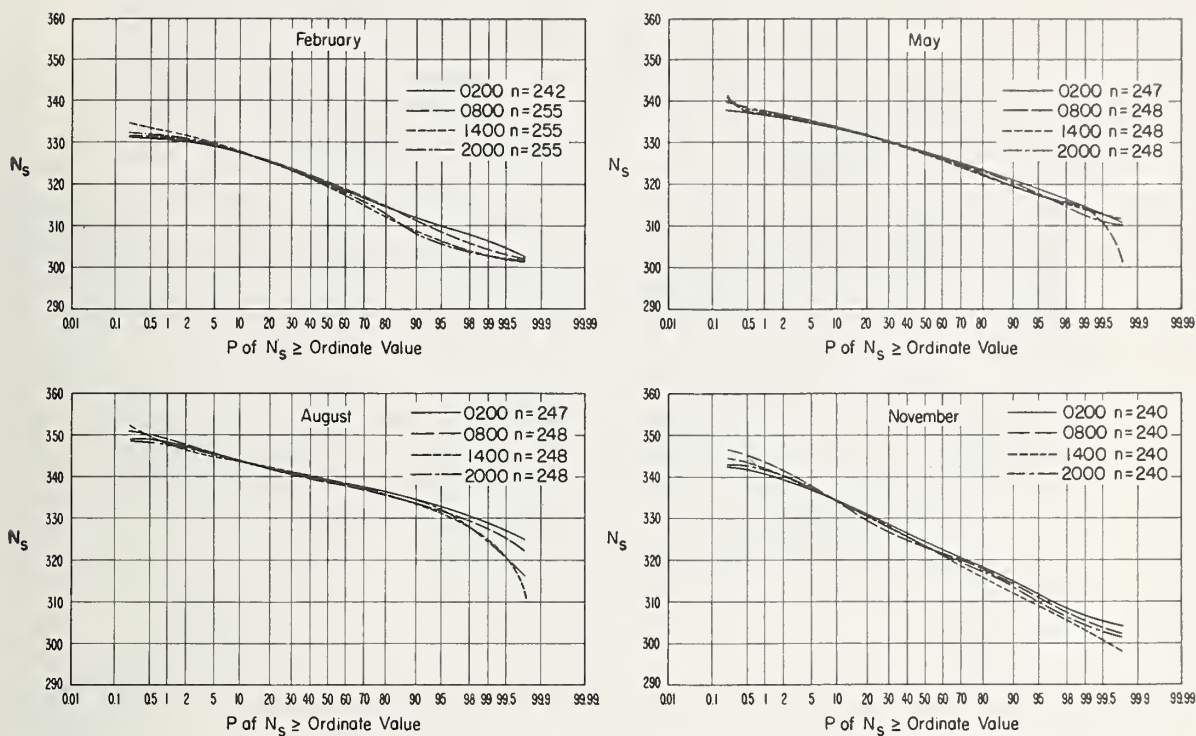


FIGURE 79. Cumulative probability distribution of  $N_s$ : Tatoosh Island, Wash.

# OAKLAND, CALIFORNIA

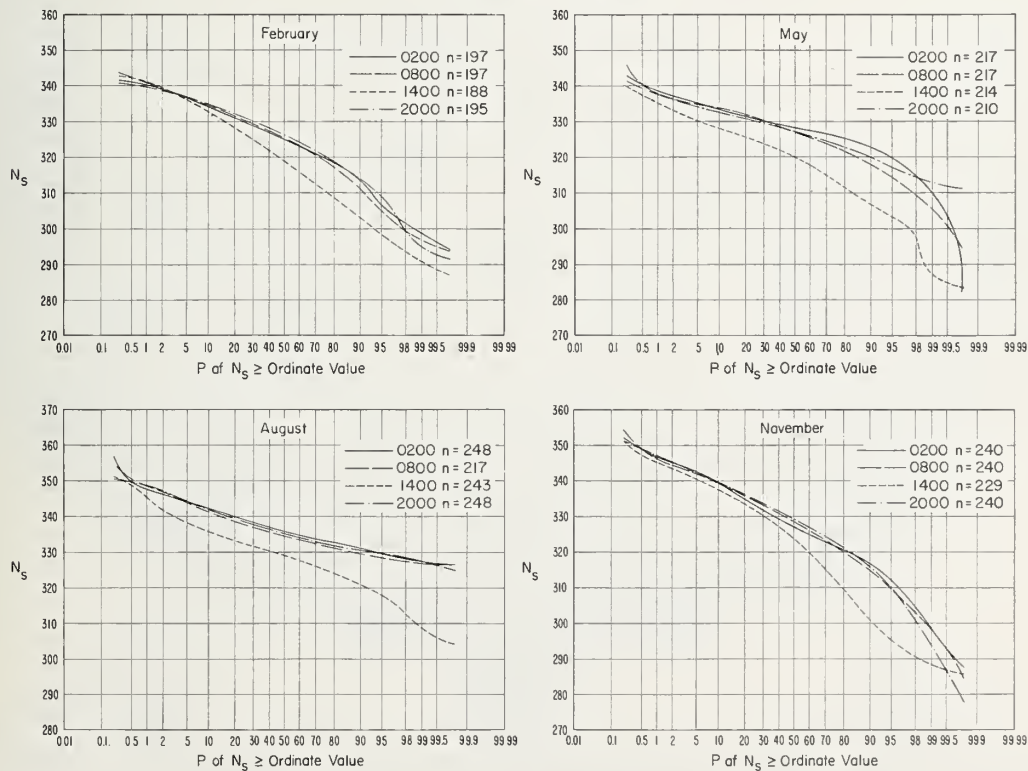


FIGURE 80. Cumulative probability distribution of  $N_s$ : Oakland, Calif.

# SANTA MARIA, CALIFORNIA

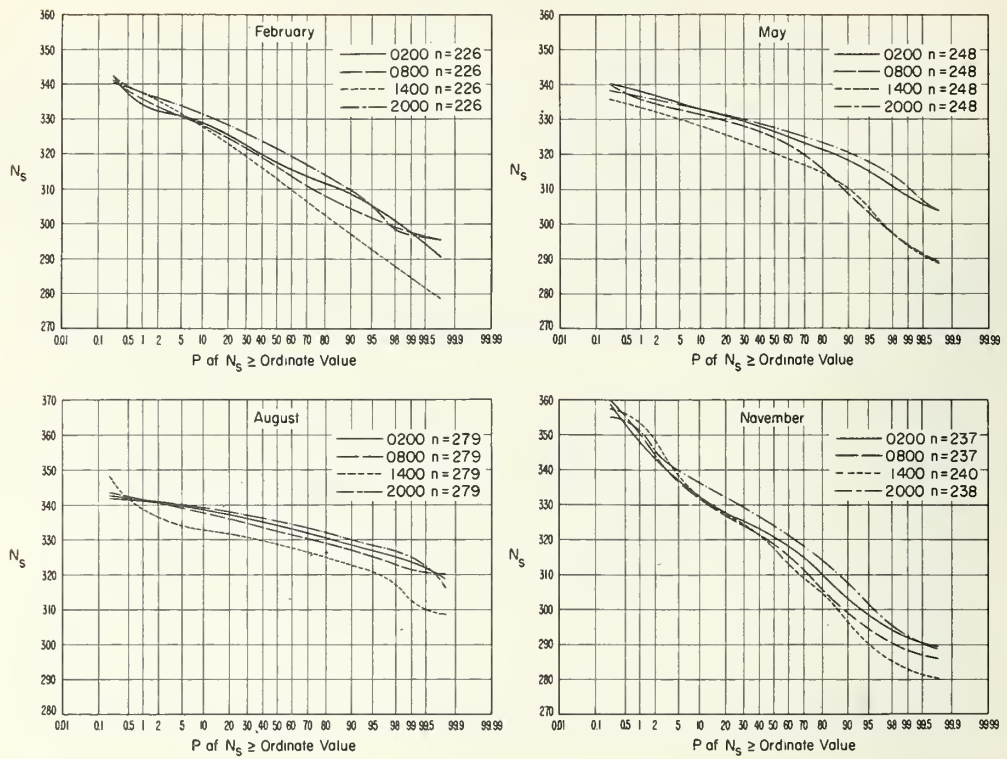


FIGURE 81. Cumulative probability distribution of  $N_s$ : Santa Maria, Calif.

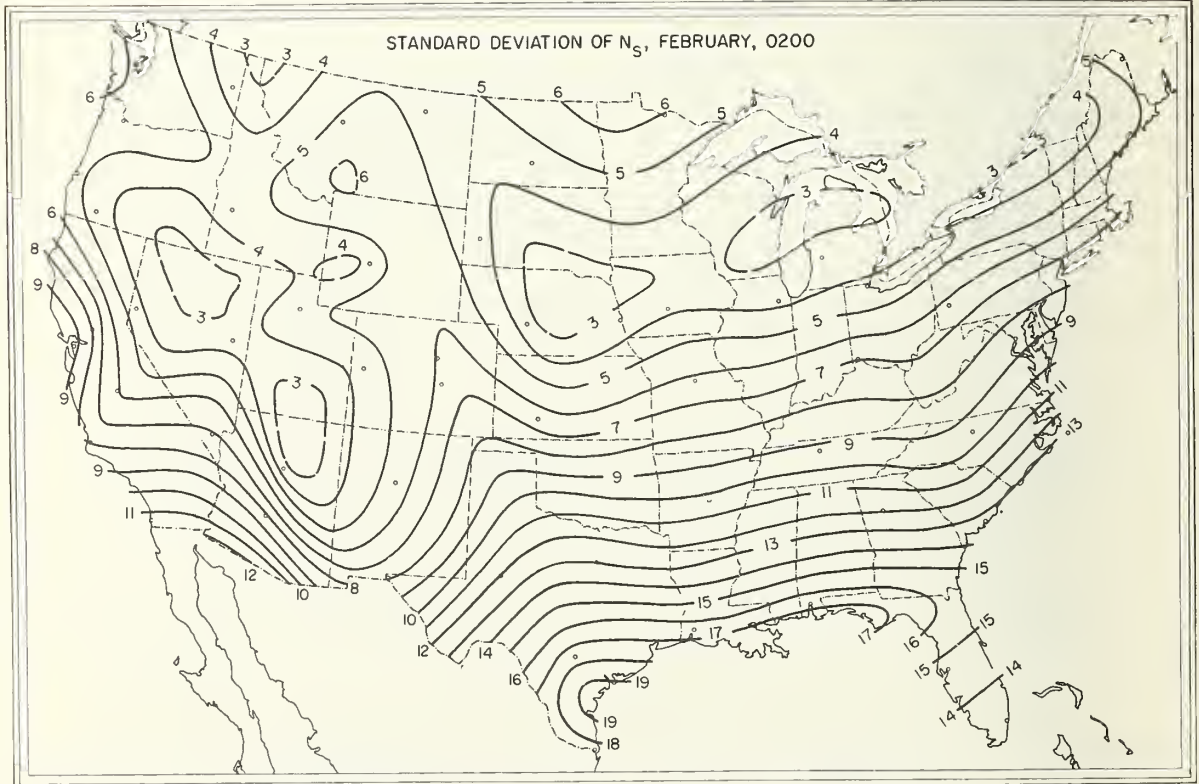


FIGURE 82.  $\sigma(N_s)$ : February, 0200 local time.



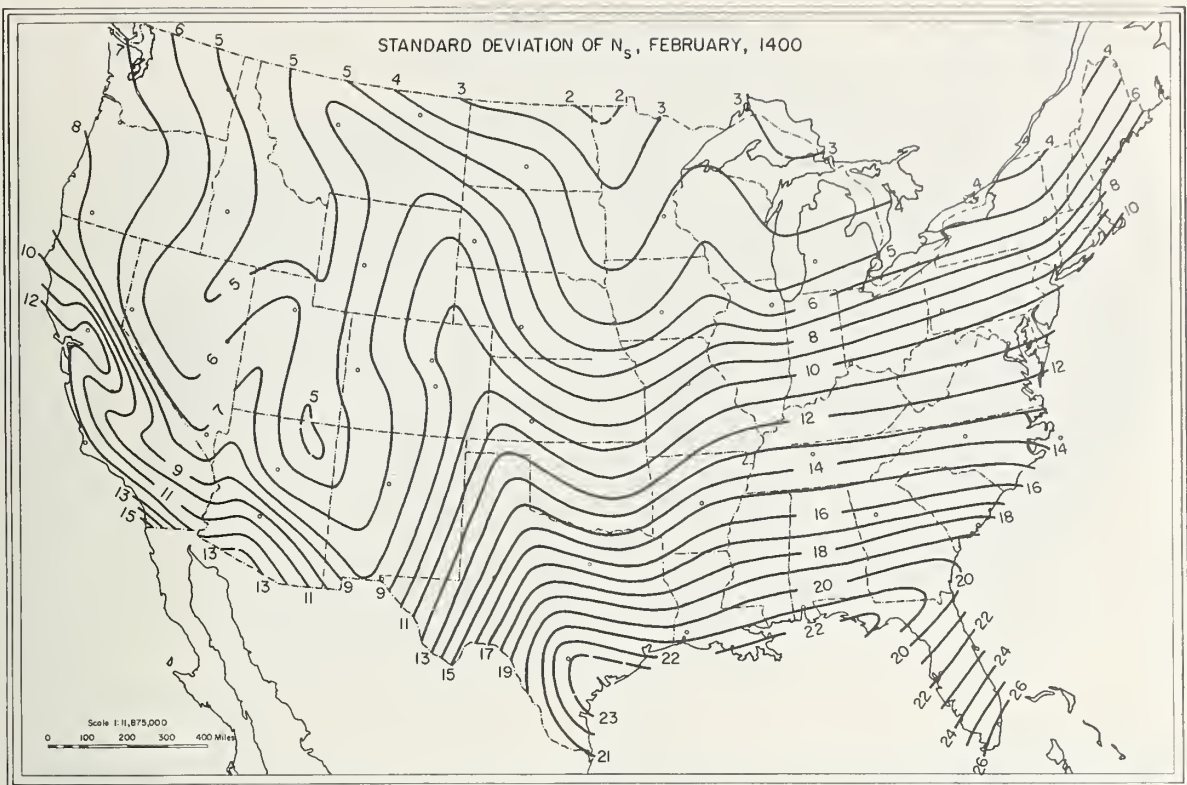


FIGURE 83.  $\sigma(N_s)$ : February, 1400 local time.

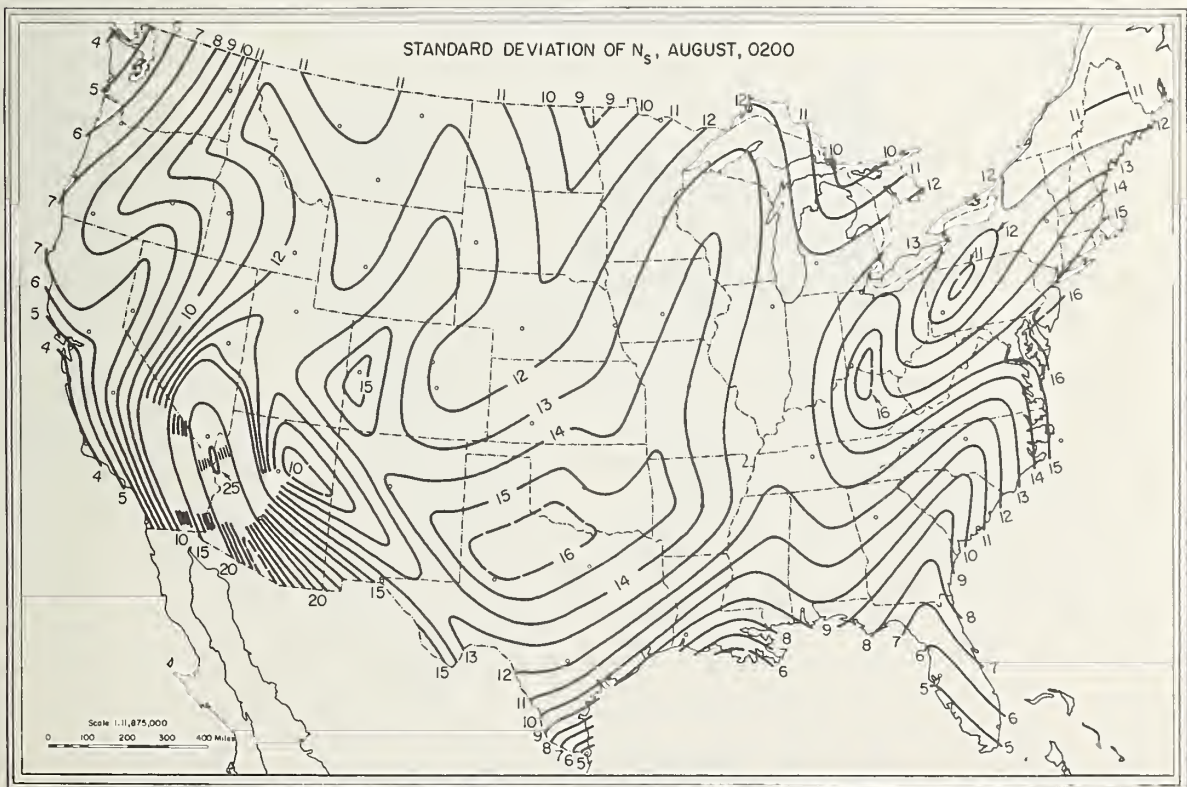


FIGURE 84.  $\sigma(N_s)$ : August, 0200 local time.

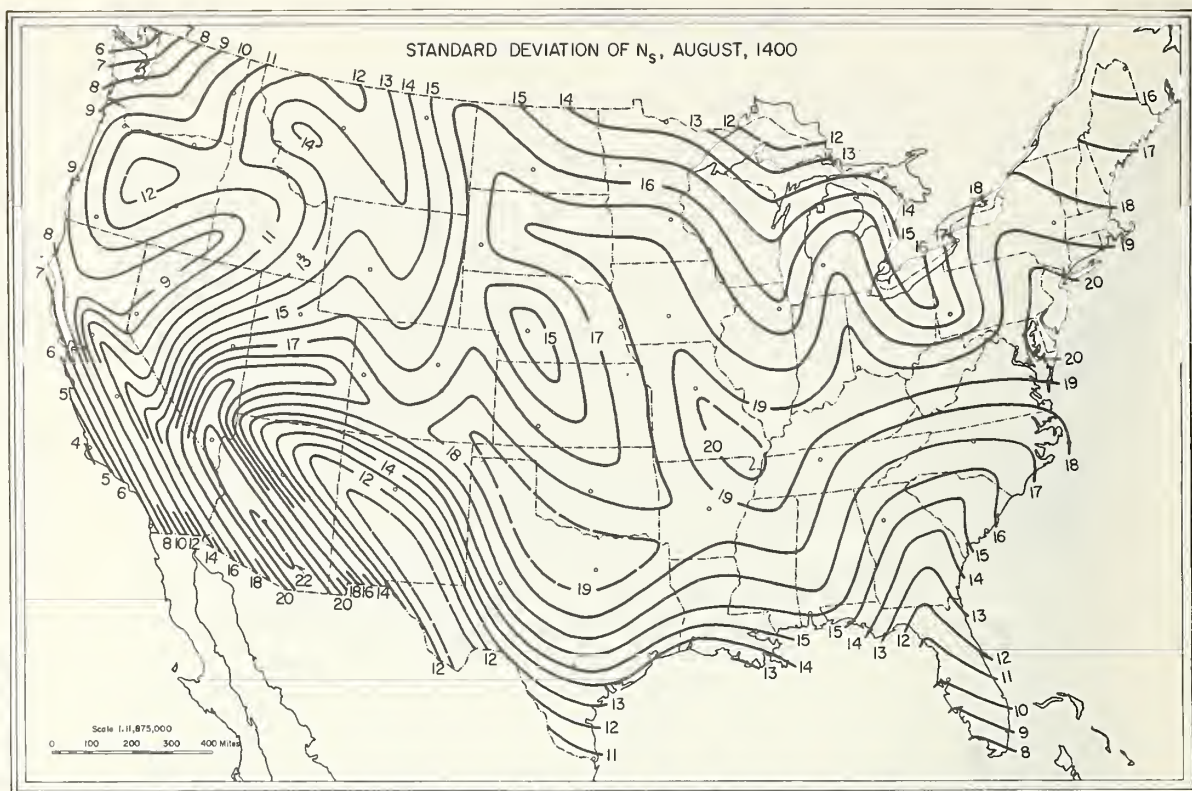


FIGURE 85.  $\sigma(N_s)$ : August, 1400 local time.

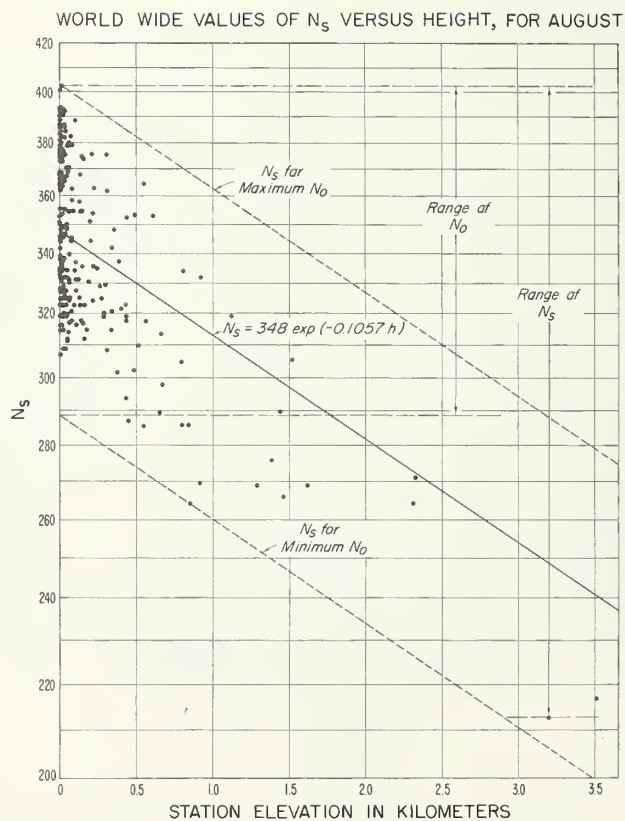


FIGURE 86. Worldwide  $\bar{N}_s$  versus height for August.



# AVERAGE $N_0$ - FEBRUARY

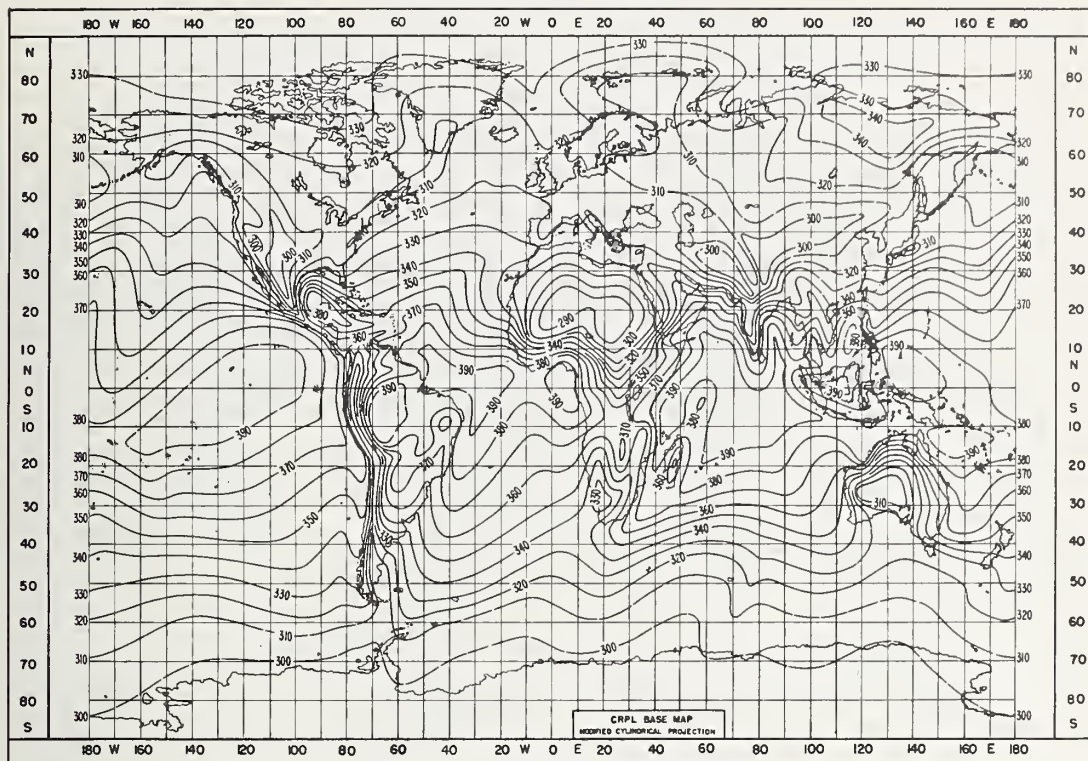


FIGURE 87. Worldwide  $\bar{N}_0$ : February.

# AVERAGE $N_0$ - AUGUST

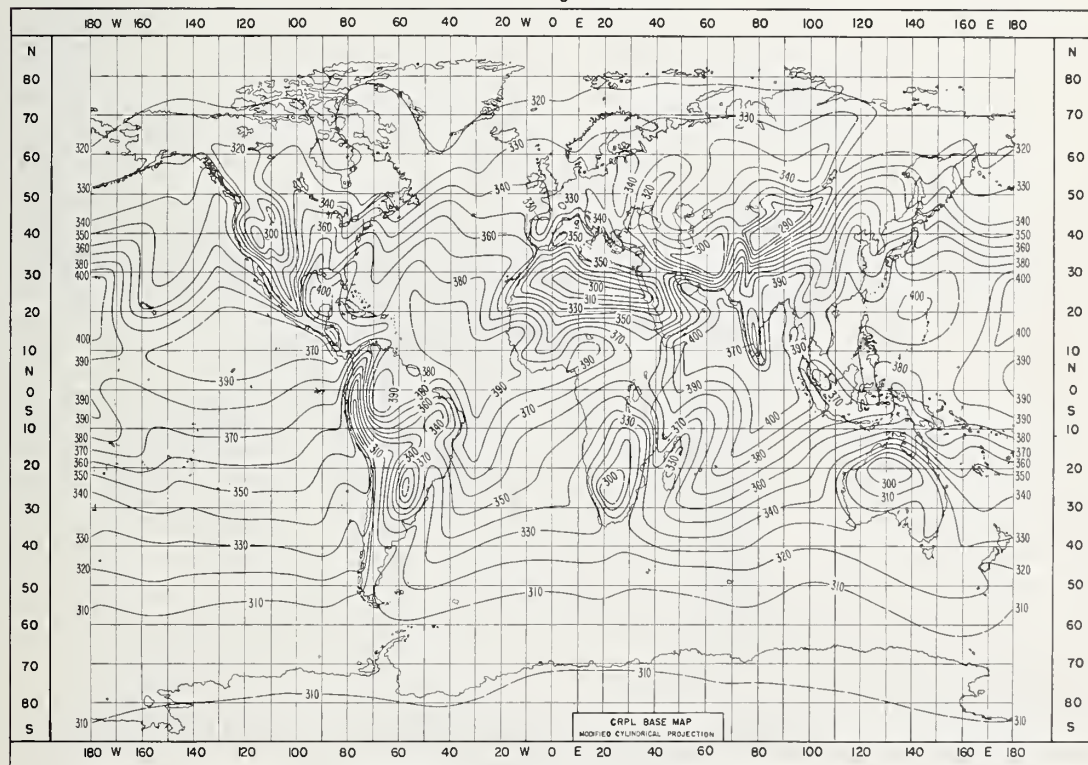


FIGURE 88. Worldwide  $\bar{N}_0$ : August.



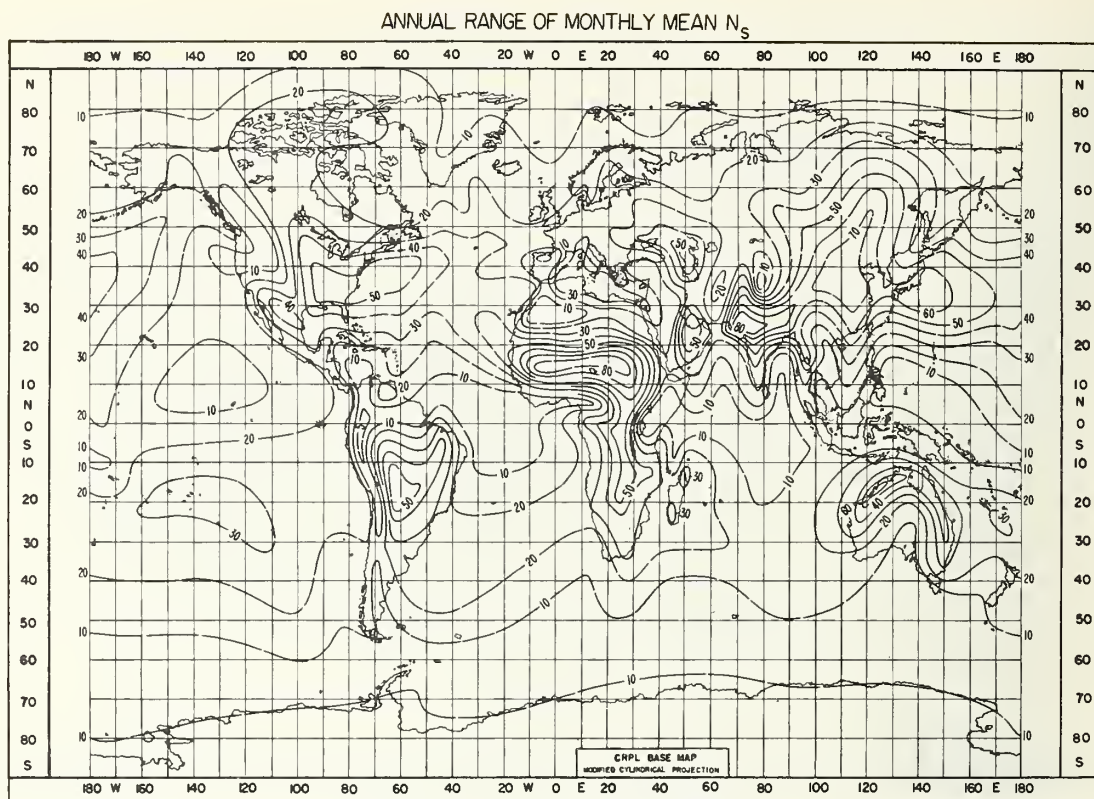


FIGURE 89. Annual range of  $\bar{N}_S$ .

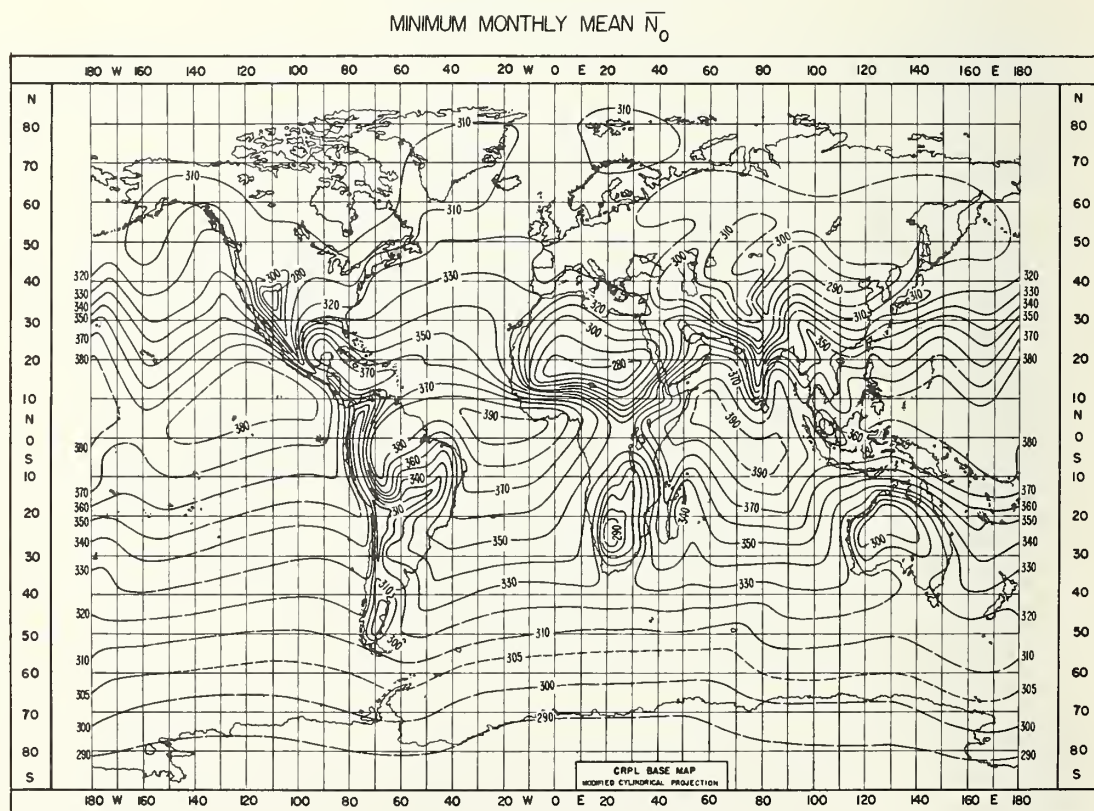


FIGURE 90. Yearly minimum  $\bar{N}_O$ .

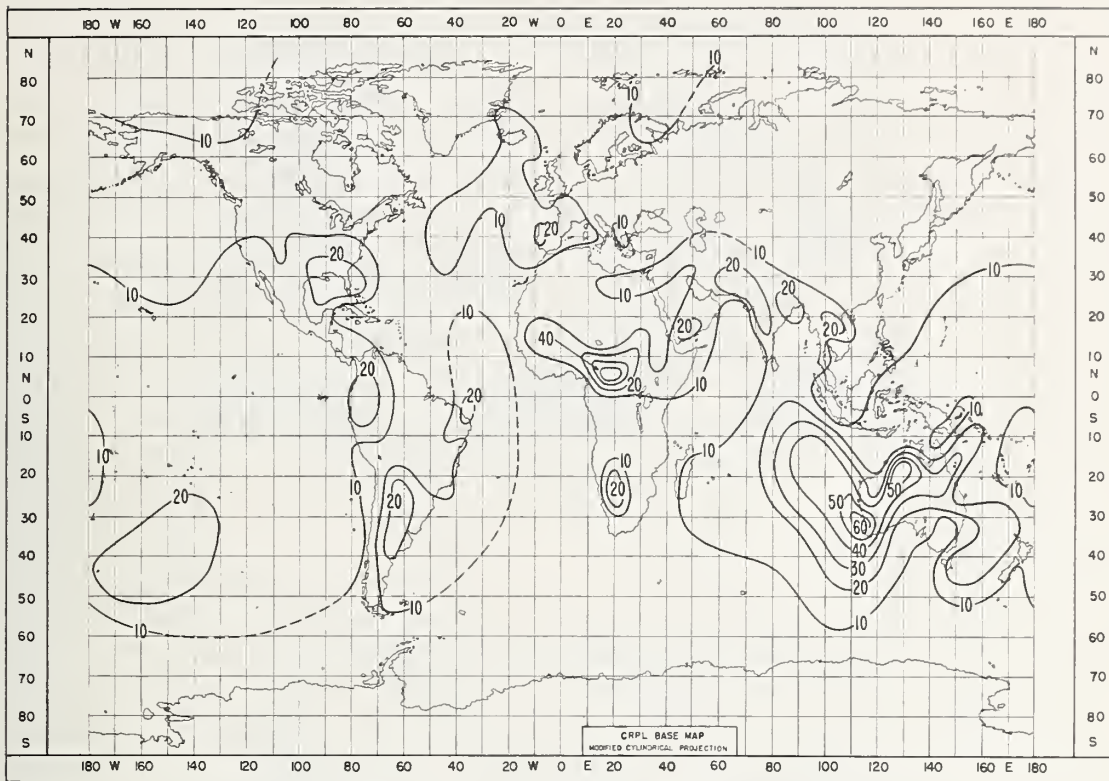


FIGURE 91. Year to year range of  $N_s$ : February.

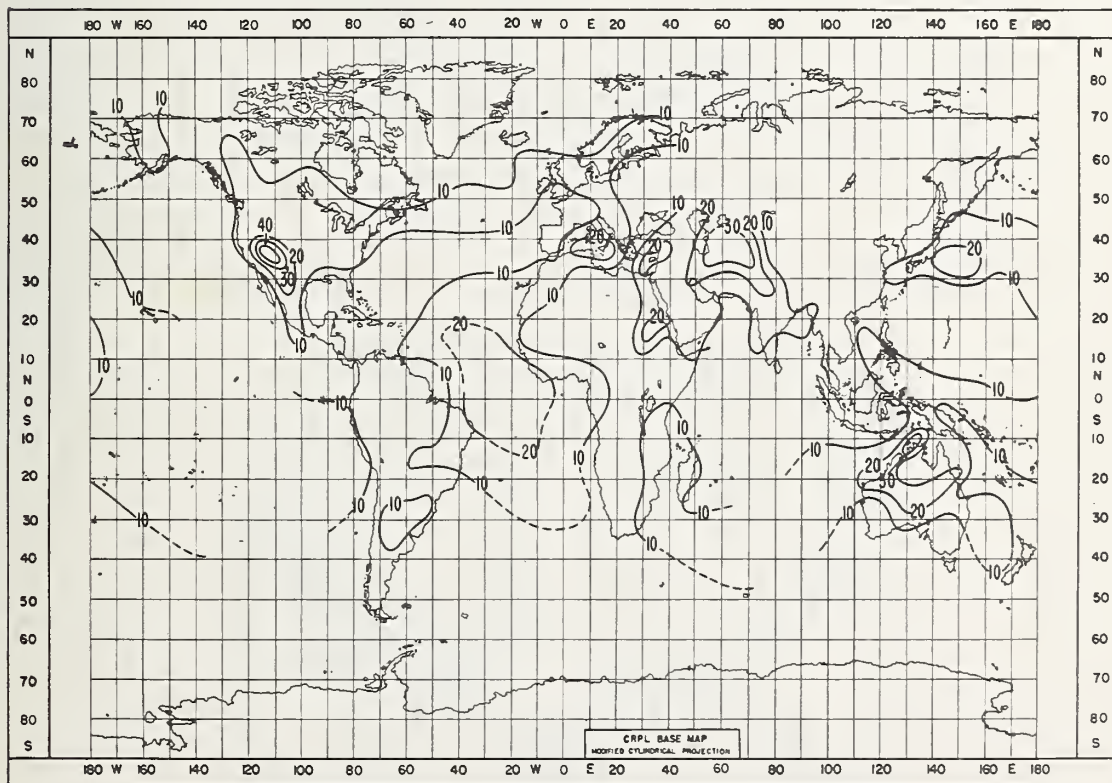


FIGURE 92. Year to year range of  $N_s$ : August.

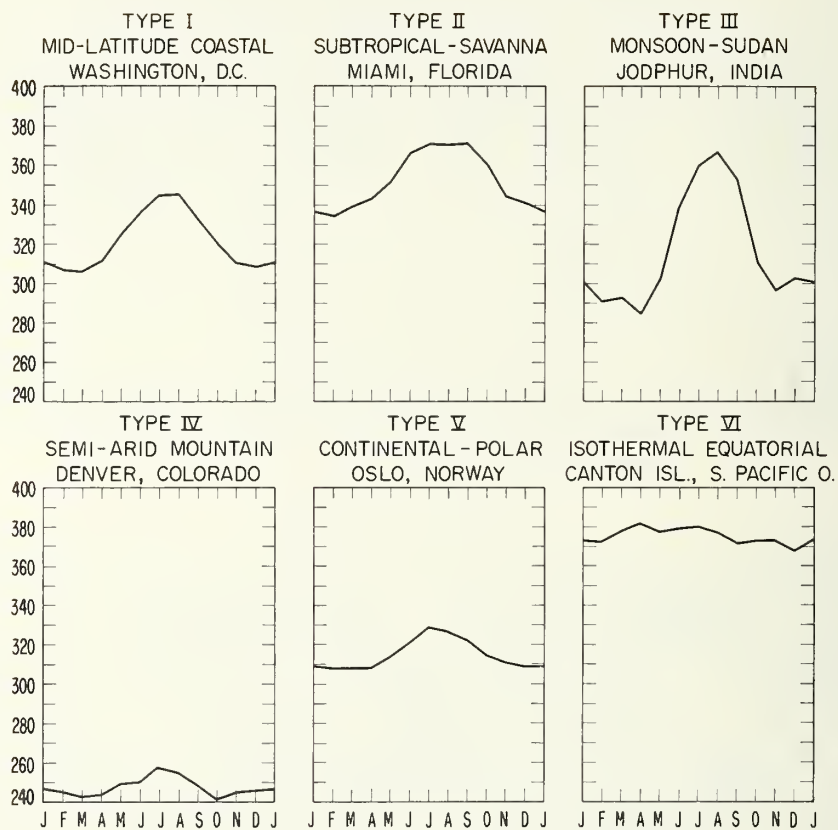


FIGURE 93. Annual cycles of  $N_a$  by climatic types.



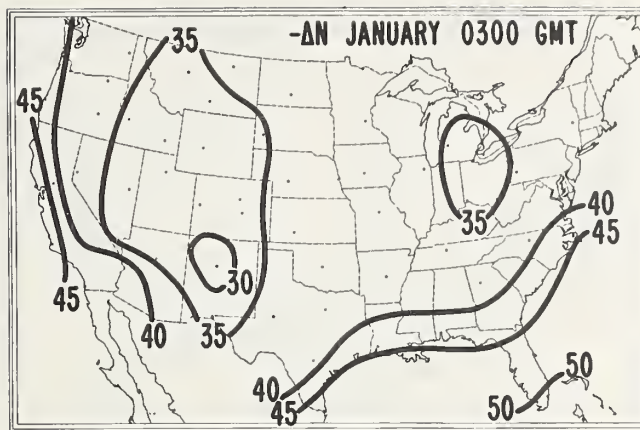


FIGURE 94.  $-\Delta N$ : January, 0300 GMT.

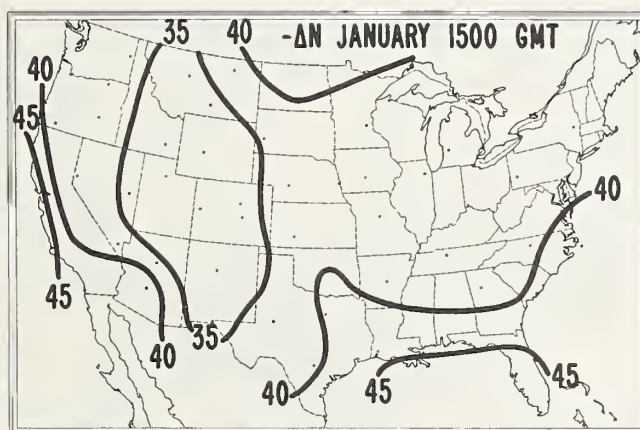


FIGURE 95.  $-\Delta N$ : January, 1500 GMT.

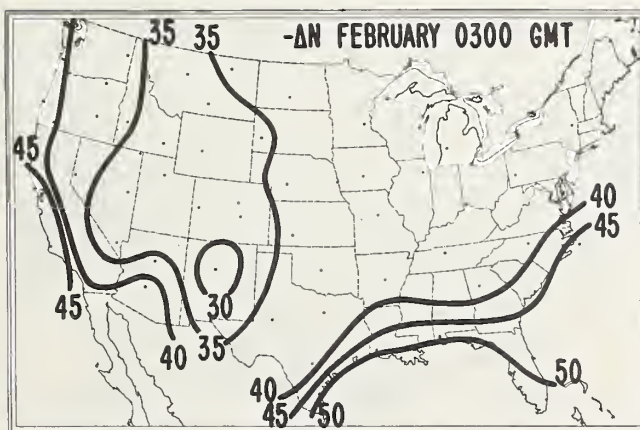


FIGURE 96.  $-\Delta N$ : February, 0300 GMT.

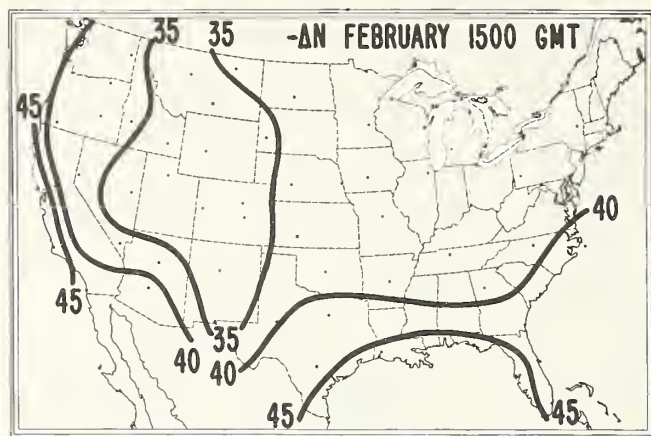


FIGURE 97.  $-\Delta N$ : February, 1500 GMT.

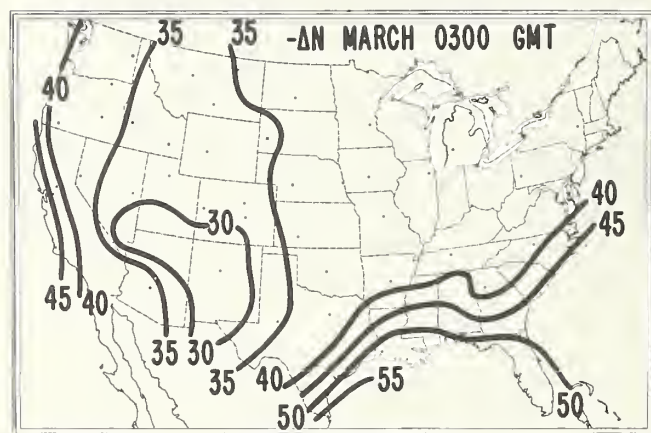


FIGURE 98.  $-\Delta N$ : March, 0300 GMT.

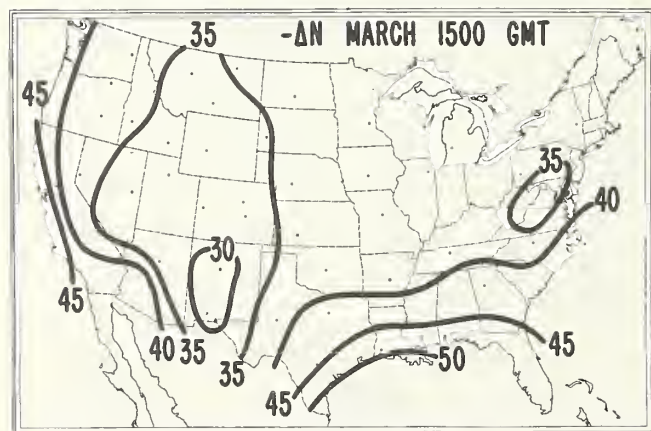


FIGURE 99.  $-\Delta N$ : March, 1500 GMT.

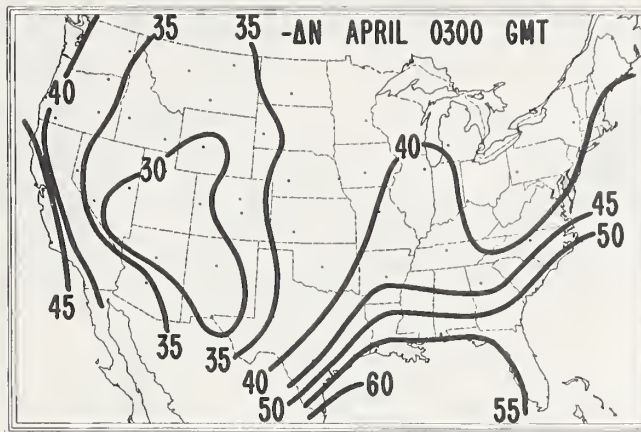


FIGURE 100.  $-\Delta N$ : April, 0300 GMT.

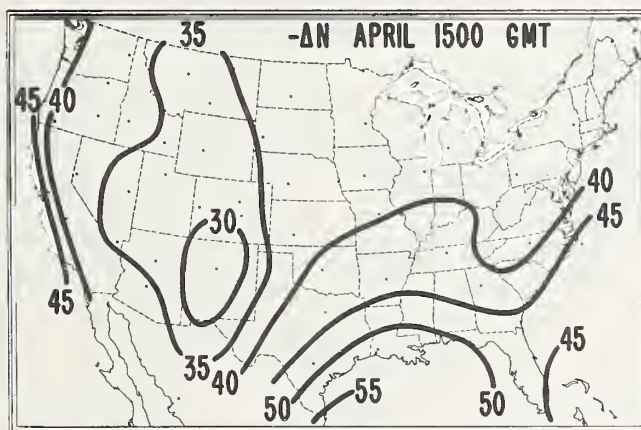


FIGURE 101.  $-\Delta N$ : April, 1500 GMT.

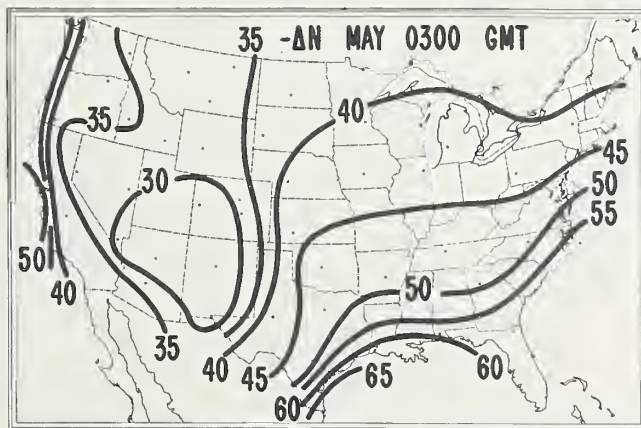


FIGURE 102.  $-\Delta N$ : May, 0300 GMT.



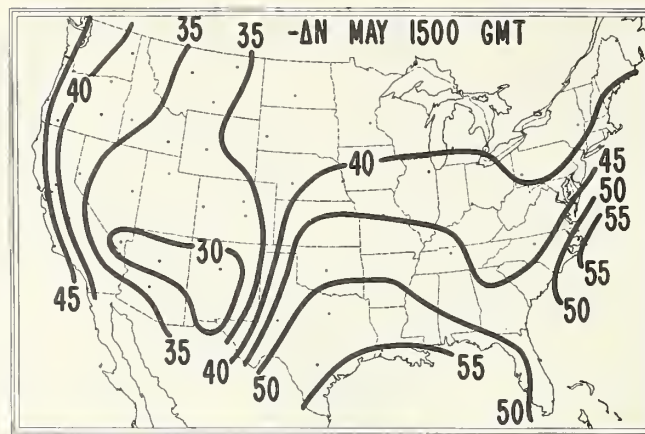


FIGURE 103.  $-\Delta N$ : May, 1500 GMT.

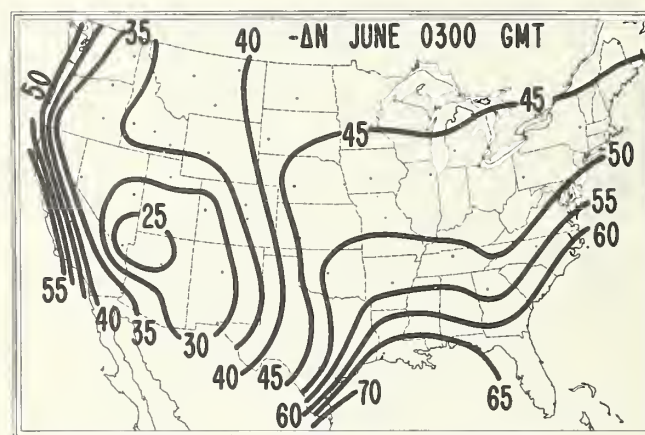


FIGURE 104.  $-\Delta N$ : June, 0300 GMT.

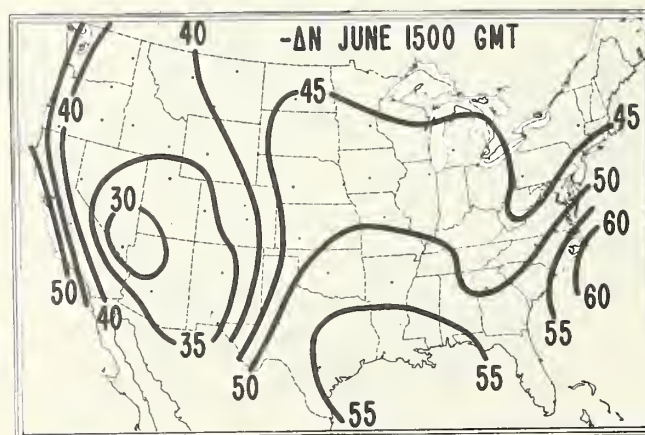


FIGURE 105.  $-\Delta N$ : June, 1500 GMT.

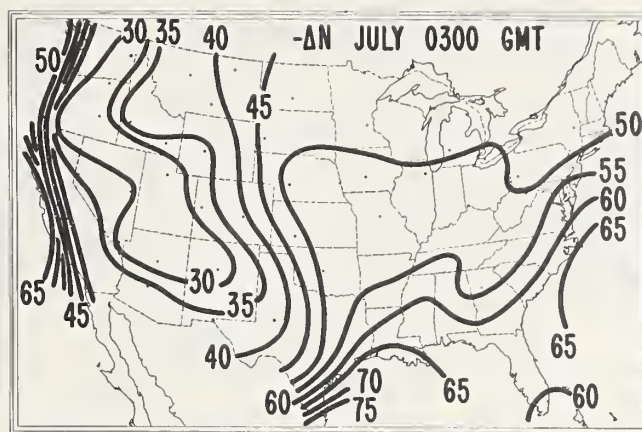


FIGURE 106.  $-\Delta N$ : July, 0300 GMT.

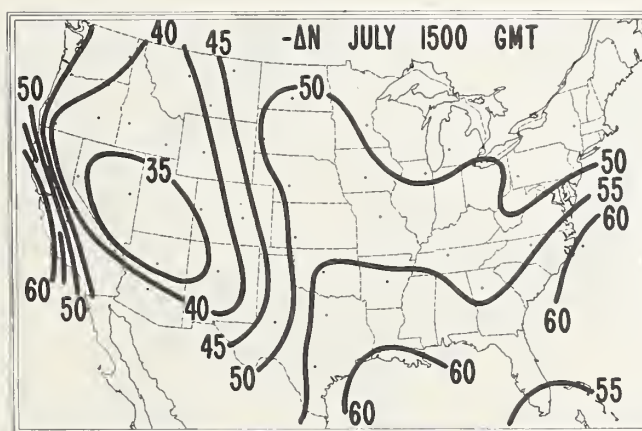


FIGURE 107.  $-\Delta N$ : July, 1500 GMT.

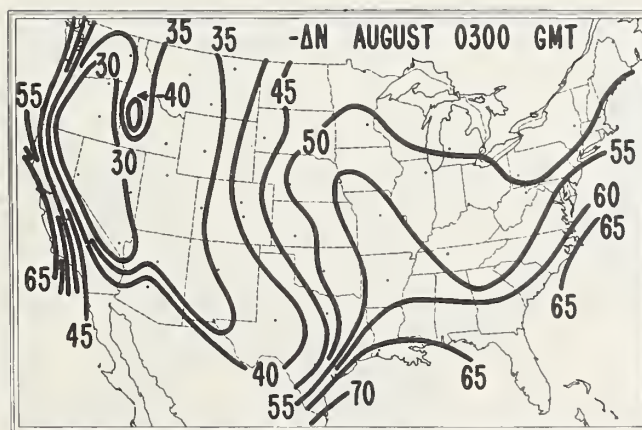


FIGURE 108.  $-\Delta N$ : August, 0300 GMT.

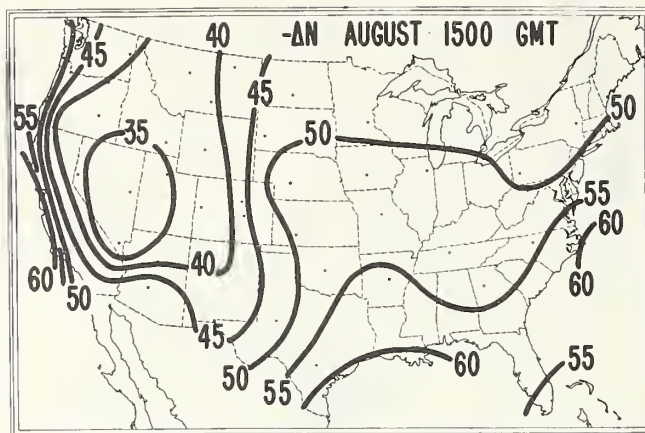


FIGURE 109.  $-\Delta N$ : August, 1500 GMT.

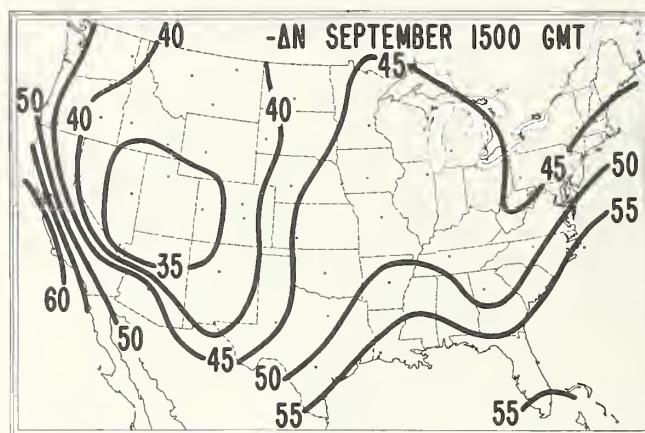


FIGURE 110.  $-\Delta N$ : September, 0300 GMT

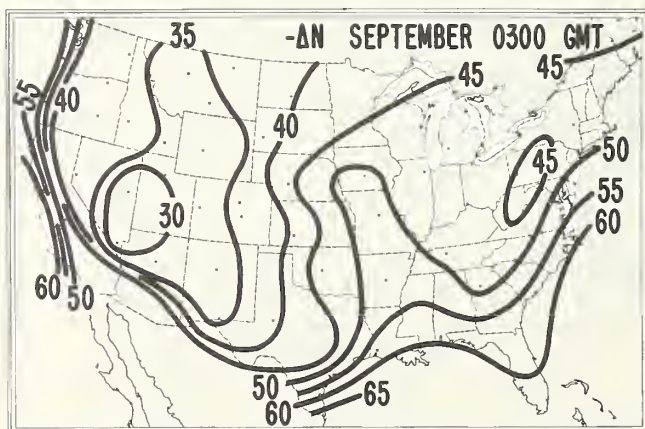


FIGURE 111.  $-\Delta N$ : September, 1500 GMT.



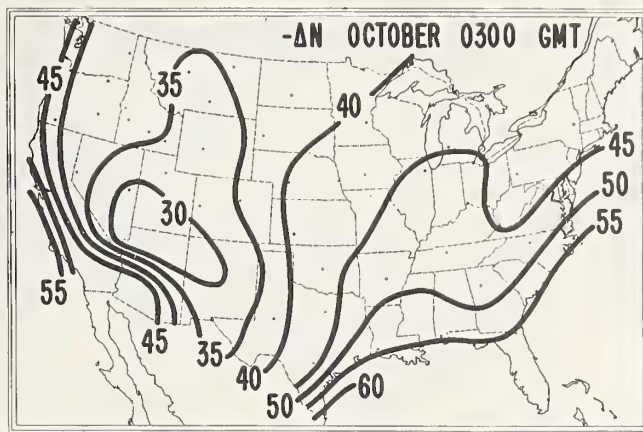


FIGURE 112.  $-\Delta N$ : October, 0300 GMT.

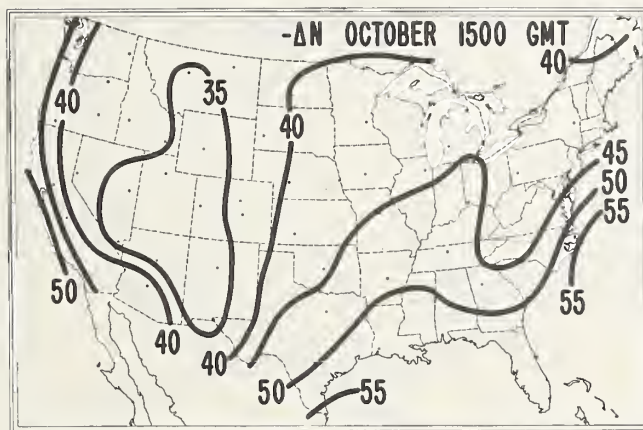


FIGURE 113.  $-\Delta N$ : October, 1500 GMT.

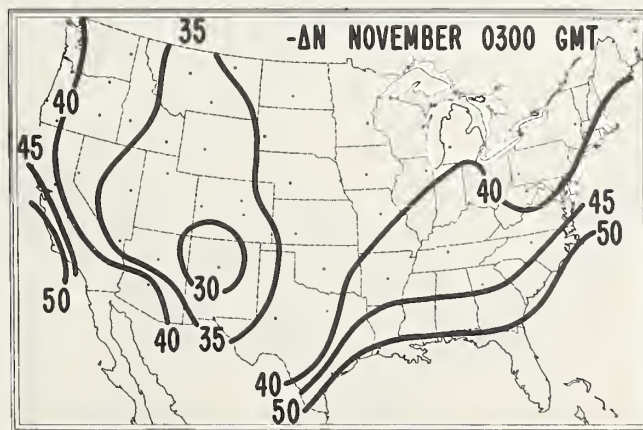


FIGURE 114.  $-\Delta N$ : November, 0300 GMT.

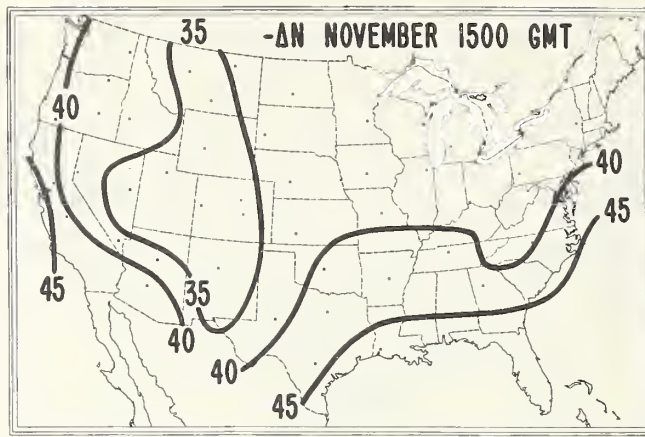


FIGURE 115.  $-\Delta N$ : November, 1500 GMT.

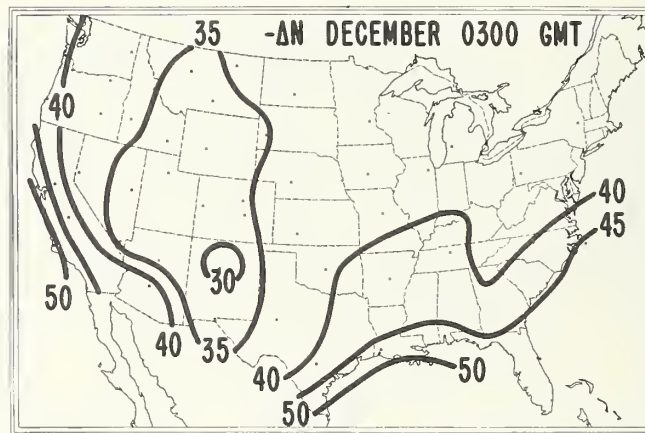


FIGURE 116.  $-\Delta N$ : December, 0300 GMT.

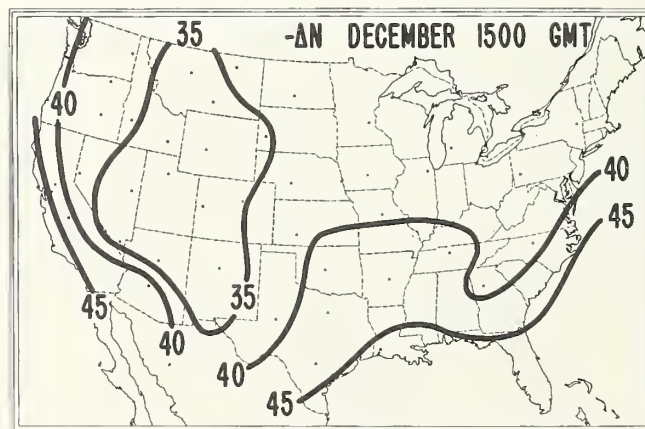


FIGURE 117.  $-\Delta N$ : December, 1500 GMT.





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